

## **Manitoba Immunization Report**

# **Manitoba Immunization Monitoring System (MIMS)**

## **Annual Report 2009**

Public Health Planning Branch  
Public Health and Primary Health Care  
Manitoba Health

**Manitoba** 

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## **Acknowledgments**

The 2009 MIMS Annual Report is a result of the ongoing efforts of a dedicated team of individuals throughout the province of Manitoba including public health nurses, immunization coordinators, physicians and other primary health care providers. Their combined efforts and expertise in the area of immunization provide the data that is necessary to produce this valuable report. We also gratefully acknowledge the work of the MIMS data entry staff throughout the province.

In addition, thanks are extended to the Health Information Branch (HIM) and the Information Systems Branch staff at Manitoba Health for their contribution to the production of the 2009 MIMS Report.

## 1. Overview

Immunization is one of the most effective and cost-efficient health interventions of modern times. In the last 50 years, immunization has probably saved more lives in Canada than any other health intervention (*Canadian Immunization Guide*, 7th Edition, 2006). Immunization registries play a key role in ensuring that individuals receive all recommended immunizations and avoid those that are unnecessary. These registries also permit efficient evaluation of the immunization status of specific individuals, groups or the population overall.

Manitoba's immunization registry, the Manitoba Immunization Monitoring System (MIMS), became functional province-wide in 1988, making it the first such registry in Canada. The aim of the MIMS annual report is to provide an overall picture of childhood, influenza and pneumococcal immunization that can be used to inform priority setting, policy development, program planning and evaluation. The *2009 MIMS Annual Report* is the eighth such report produced using a standardized methodology to allow year-to-year review of progress against provincial and national immunization rates.

MIMS is managed by the Public Health Planning Branch, Public Health and Primary Health Care, Manitoba Health (MH). Initially, MIMS only recorded immunizations provided to children (born after 1980). In 2000, adult immunizations were added to the registry. Immunization events are captured in MIMS in two ways: publicly-funded immunizations administered by physicians are entered into the system via the physician billing system; all other immunizations, such as those provided by public health nurses, are recorded by data entry staff in the regions. The goal is to have all immunizations administered in Manitoba recorded in MIMS.

MIMS captures information related to an immunization event, including type of vaccine administered, date of administration and service provider. This data is the basis of a variety of immunization reports, including this annual report. MIMS also provides a centralized "reminder" function, automatically generating letters on a monthly basis to parents of children aged 15 months, 20 months and 5 ½ years who may be missing recommended immunizations (as per Manitoba's Routine Immunization Schedule for Infants and Children, Appendix 1) and encouraging them to ensure their children's immunizations are up-to-date. Over 155 sites have MIMS access throughout the province. Usually associated with public health offices, these sites provide information on the immunization status of clients to health care providers and allow data input following the delivery of an immunization.

Your comments and suggestions to make future reports more informative are most welcome. To provide feedback please contact:

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## 2. Glossary

### ABBREVIATIONS

FNIH	First Nations and Inuit Health
MH	Manitoba Health
MIMS	Manitoba Immunization Monitoring System
Pop	Population
RHA	Regional Health Authority

### IMMUNOGENS

Diphth	Diphtheria
HB	Hepatitis B
HPV	Human Papillomavirus
Hib	Haemophilus influenzae type b
Flu	Seasonal influenza
MC	Meningococcal Conjugate C
PCV7	Pneumococcal Conjugate 7 valent
Pert	Pertussis
Tet	Tetanus
V	Varicella

### VACCINES

DTaP-IPV	Diphtheria, acellular Pertussis, Tetanus, Polio
DTaP-IPV-Hib	Diphtheria, acellular Pertussis, Tetanus, Polio, Haemophilus influenza type b
HBV	Hepatitis B Vaccine
HEPA/B	Hepatitis A and B
HPV	Human Papillomavirus Vaccine
Flu	Seasonal Influenza
MC	Meningococcal Conjugate
MMR	Measles, Mumps, Rubella
PCV7	Pneumococcal Conjugate 7 valent
PPV23	Pneumococcal Polysaccharide 23 valent
Td	Tetanus, diphtheria
Tdap	Tetanus, diphtheria, acellular pertussis
V	Varicella

### 3. Description of Criteria for MIMS Annual Report

The annual report includes eight separate reports that fall into two main groupings: Childhood Immunization Reports and Influenza and Pneumococcal Immunization Reports. These reports provide information on immunization coverage by age or by region of residence (coverage reports), and a description of who provided vaccine doses by region of practice (vaccine doses reports).

A consistent format is followed for each report. Data is provided for Manitoba overall and then for each of the 11 regional health authorities (Appendix 2). The data is grouped by First Nations status, Non-First Nations status, and a total overall.

First Nations Status is based on voluntary self-declaration at the time of registration with Manitoba Health. First Nations and Inuit Health (FNIH) estimate that this represents approximately 65 per cent of the status First Nation population. First Nations and Inuit Health is responsible for providing immunizations to First Nations clients living on reserve (approximately 60 per cent of the status First Nation population). Audits indicate that gaps exist between immunizations administered to FNIH clients as documented on paper records versus those data entered into MIMS. Actual coverage rates for FNIH clients are, therefore, likely higher than those generated using MIMS data.

#### 3.1 Coverage Reports

##### 3.1.1 Childhood Immunization Coverage Reports

The data represented in these reports represents the percentage rates of children who are completely immunized from birth with a specific number of doses for a particular immunogen (see definition below) or all the recommended immunogens for a particular age. The accepted terminology to describe this is "Complete for age from birth." Coverage reports do not include children who were not immunized as per the routine recommended immunization schedule from birth.

**Complete for age from birth:** For the purposes of this report, a child is required to have received the recommended doses of an immunogen from birth, as per the schedule given below. For example, to determine coverage at age two for diphtheria, the denominator would be all children who turned two years of age in 2009 and the numerator would be those children from the denominator group who had received four doses of the diphtheria immunogen by their second birthday. If even one dose is missed, a child would not be considered "complete for age from birth" and would not be included in the coverage rate.

Table 1: Total Doses Required to be "Complete for Age from Birth"

Immunogen	Age in Years				
	1	2	7	11	17
Diphtheria	3	4	5	5	6
Tetanus	3	4	5	5	6
Pertussis	3	4	5	5	6
Polio	2	3	4	4	4
Hib	3	4	4	0	0
PCV7	3	4	0	0	0
Measles	0	1	2	2	2
Mumps	0	1	1	1	1
Rubella	0	1	1	1	1
Varicella	0	1	0	0	0
Hepatitis B	0	0	0	3	3
Men-C-C	0	0	0	1	0

**Doses required:** The number of doses of immunogens required to be complete for age from birth is as per Manitoba's Routine Immunization Schedule for Infants and Children (Appendix 1).

**Coverage by Immunogen:** The coverage reports are listed by immunogen rather than by vaccine, as vaccines may include more than one immunogen and the immunogen composition of vaccines can change over time. The term immunogen, rather than antigen, is used in this report to be consistent with the *Canadian Immunization Guide*, 7th Edition. All doses of each immunogen were included in the coverage report irrespective of the vaccine given. For example, hepatitis B reflects all doses of immunogen administered to individuals including those from hepatitis A/B combination vaccine (Twinrix) and hepatitis B vaccine.

**Immunogen:** a substance capable of inducing a specific immune response

**Age in years** reflects a client's age on date of birth within the calendar year 2009; for example, if a child turned three years of age on May 1, 2009 the child is considered to be three years old for the purpose of this report.

**Continuous residents** in Manitoba is determined based on an individual being continuously registered with Manitoba Health for insured benefits from birth until December 31, 2009.

**Non-continuous residents** would include clients who, for example, may have been born in Manitoba, moved out for a period of time and then returned; or clients who were not born in Manitoba and moved to the province.

All residents include continuous and non-continuous residents, as defined above.

Childhood Immunization coverage rates (Report 1, 2, 3 and 4) were calculated as follows:

$$\text{Rate}/100 = \frac{\text{Number of individuals in age group "X" from the MIMS dataset}}{\text{Number of individuals in age group "X" in the population dataset}} \times 100$$

The numerator was determined as follows:

- The MIMS data used was an April 2010 "snapshot" (to permit immunizations occurring at the end of 2009 to be entered) of individuals complete for age from birth, from the MIMS database that was provided by MH's Information Systems Branch. Multiple years of data are required to determine whether children are complete for age from birth. Immunizations where the service date is unknown were excluded. The data were summarized by individual and included: age, First Nations status and a count of immunogen doses.
- The MIMS data was linked to the MH Registry to determine client **region of residence**. Each individual was assigned to only one region of residence (Appendix 2) during the reporting period (2009), irrespective of whether or not they lived in multiple health regions since birth. The region used was the health authority in which the individual was resident as of April following the report year (i.e., April 2010) to coincide with the MIMS April snapshot of doses administered as of December 31, 2009.

**Region of residence:** the regional health authority within which the individual resides

The denominator was determined as follows:

- The number of people within a specific health region was determined as of June 1 during the report year (June 1, 2009). This population data comes from the MH Population Report and is based on records of residents registered with MH as of that date.

Notes:

- Manitoba Health introduced a voluntary publicly funded school based HPV immunization program for Grade 6 females starting in the school year 2008-2009. The



program is delivered by Public Health Nurses. Report 5 of the MIMS Annual Report – Childhood Vaccine Doses by Provider Type and Provider Location captures the total number of vaccine doses administered to this cohort since the inception of the program in 2008.

- On January 1, 2009 Manitoba Health introduced the Men-C Infant Program for infants of at least 12 months of age born on or after January 1, 2008 resulting in an increase in coverage for Age 1
- Immunogens included in one vaccine may require a different number of doses to be considered complete for age from birth. This may result in different coverage rates for each immunogen included in the same vaccine. For example, the measles, mumps and rubella vaccine (recommended at 12 months and again at four to six years of age) requires two doses of measles, but only one dose of mumps and rubella for a child to be considered “complete for age from birth.”
- Hib doses are required at ages one, two and seven years. Hib is included in the immunogen coverage reports for children at age 11 and 17 years for information only as there is no provincial recommendation for Hib vaccine after children reach age 60 months. Hib is not included in “complete for age from birth” requirements for children beyond the age of seven.
- Again there was an increase in Hib coverage rate in 2009 for 17 year olds. This cohort reached complete for age in 2008 since the introduction of Hib in 1992. The increase in coverage for 2009 is a continuum of this cohort.
- One dose of varicella vaccine at the age of two years is required for a child to be “Complete for Age from Birth for all Immunogens” (Reports 3 and 4). However, it may not be clinically recommended for a child to receive varicella immunization by this age if he/she has a previous history of varicella illness. This may result in slightly lower rates for “Complete for Age from Birth for all Immunogens.”

As a result of the differences in when individuals in the numerator and denominator are assigned to a regional health authority, coverage rates may be greater than 100 per cent if the number of individuals vaccinated against a particular disease is greater than the number of individuals assigned to that regional health authority.

### 3.12 Influenza and Pneumococcal Coverage Report

Influenza and pneumococcal immunization coverage rates (Report 6) were calculated as follows:

$$\text{Rate}/100 = \frac{\text{Number of immunized individuals in age group "X" from the MIMS dataset}}{\text{Number of individuals in age group "X" in the population dataset}} \times 100$$

The numerator was determined as follows:

- The MIMS data used was an April 2010 “snapshot” (to permit immunizations occurring at the end of 2009 to be entered) of individuals who have received influenza or pneumococcal immunizations, as per the MIMS database. The data were summarized by individual and include age, First Nations status and a count of individuals receiving a dose of influenza or pneumococcal vaccine.
- The age of the individual was determined as of his/her birthday within the calendar year. Age data were converted to age groups: birth to two years, three to 17 years, 18 to 64 years, <65 high risk, <65 all and 65+ years. The “<65 high risk” population estimate was based on a calculation of 11 per cent of the total under-65 population. The same estimate was used for both influenza and pneumococcal high-risk groups, although the target population for immunization is not identical. The “<65 high risk” numerator data are those doses identified via public health data entry in MIMS, as doses recorded via physician billing do not capture this information. These same doses are also included in the “<65 all” category and coverage calculations.



- For influenza, only immunizations administered during 2009 are used in this report.
- For pneumococcal immunizations, the data are analyzed twice: the first report includes only those doses administered during 2009; the second, all individuals who have ever received a pneumococcal immunization (presented as a cumulative coverage rate). The cumulative data is important as the eligible population is recommended to have one dose.
- The MIMS data was linked to the MH Registry to determine client region of residence. Each individual was assigned to only one region of residence (Appendix 2) during the reporting period (2009), regardless of whether or not they lived in more than one region during that time. The region used was that in which the individual was resident as of April following the report year (April 2010) to coincide with the MIMS April snapshot of doses administered as of December 31, 2009.

**Provider location:** the region (RHA) in which a provider's practice is located

The denominator was determined as follows:

- The number of people within a specific health region is determined as of June 1 during the report year (June 1, 2009). This population data comes from the MH Population Report and is based on records of residents registered with MH as of that date.

### 3.2 Vaccine Doses Report

These reports reflect doses administered by providers from January 1 to December 31, 2009, based on the region in which they practice (Appendix 2). The same data cannot be used to calculate immunization coverage rates as providers do not have a particular population denominator to which they are assigned.

These data reflect doses administered by four different provider types:

- Public health nurse (off reserve)
- Physician
- First Nation/Tribal Council (all providers on reserve, including public health nurses)
- Other (all other providers, including facilities, primary care providers, pharmacies and other unknown providers)

#### 3.21 Childhood Vaccine Doses Report

Vaccine doses are reported by provider type for all vaccines recommended in Manitoba's Routine Immunization Schedule for Infants and Children (Appendix 1). Td doses are also reported to capture individuals  $\geq$  seven years of age who received tetanus and diphtheria alone. HPV doses are also reported to capture Grade 6 females who received the HPV vaccine since the inception of the voluntary school based immunization program in 2008.

#### 3.22 Influenza Vaccine Doses Report

Influenza doses are reported by provider type and reason for immunization. Reason for immunization is based on the MH eligibility criteria for influenza vaccine. These criteria include: health care worker, high risk, household contact, no risk identified (client paid) and outbreak immunization. Immunizations captured via the physician billing system do not include the reason for immunization and therefore these vaccine doses are reported as "no reason given."

#### 3.23 Pneumococcal Vaccine Doses Report

Pneumococcal doses are reported by provider type and reason for immunization. Reason for immunization is based on the MH eligibility criteria for pneumococcal (PPV23) vaccine. These criteria include: high risk, no risk identified (client paid) and outbreak immunization. Immunizations captured via the physician billing system do not include the reason for immunization and therefore these vaccine doses are reported as "no reason given."

# 4. Childhood Immunization Reports

## Report 1 – Complete for Age from Birth to 2009 by Immunogen and Region of Residence

### NOTE:

This report includes both continuous and non-continuous Manitoba residents.

### MANITOBA

	Pop	Diphth	Tet	Perit	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>Age 1</b>														
First Nations	2,673	1,734	1,734	1,733	2,299	1,730	1,700	53	53	53	47	15	31	194
Rate per 100 children		64.9	64.9	64.8	86.0	64.7	63.6	2.0	2.0	2.0	1.8	0.6	1.2	7.3
Non-First Nations	13,022	10,700	10,700	10,684	11,749	10,651	10,405	327	312	313	284	169	469	2,066
Rate per 100 children		82.2	82.2	82.0	90.2	81.8	79.9	2.5	2.4	2.4	2.2	1.3	3.6	15.9
Total for 1-year-olds	15,695	12,434	12,434	12,417	14,048	12,381	12,105	380	365	366	331	184	500	2,260
Rate per 100 children		79.2	79.2	79.1	89.5	78.9	77.1	2.4	2.3	2.3	2.1	1.2	3.2	14.4
<b>Age 2</b>														
First Nations	2,575	1,494	1,494	1,494	2,196	1,487	1,475	2,198	2,198	2,198	2,038	22	173	265
Rate per 100 children		58.0	58.0	58.0	85.3	57.7	57.3	85.4	85.4	85.4	79.1	0.9	6.7	10.3
Non-First Nations	13,177	9,772	9,772	9,765	11,739	9,702	9,359	11,531	11,523	11,521	10,525	381	1,091	2,776
Rate per 100 children		74.2	74.2	74.1	89.1	73.6	71.0	87.5	87.4	87.4	79.9	2.9	8.3	21.1
Total for 2-year-olds	15,752	11,266	11,266	11,259	13,935	11,189	10,834	13,729	13,721	13,719	12,563	403	1,264	3,041
Rate per 100 children		71.5	71.5	71.5	88.5	71.0	68.8	87.2	87.1	87.1	79.8	2.6	8.0	19.3
<b>Age 7</b>														
First Nations	1,965	1,258	1,258	1,254	1,745	1,459	6	1,529	1,918	1,918	535	11	23	90
Rate per 100 children		64.0	64.0	63.8	88.8	74.2	0.3	77.8	97.6	97.6	27.2	0.6	1.2	4.6
Non-First Nations	12,869	9,410	9,410	9,348	11,055	10,204	466	10,175	11,853	11,853	5,492	833	917	873
Rate per 100 children		73.1	73.1	72.6	85.9	79.3	3.6	79.1	92.1	92.1	42.7	6.5	7.1	6.8
Total for 7-year-olds	14,834	10,668	10,668	10,602	12,800	11,663	472	11,704	13,771	13,771	6,027	844	940	963
Rate per 100 children		71.9	71.9	71.5	86.3	78.6	3.2	78.9	92.8	92.8	40.6	5.7	6.3	6.5
<b>Age 11</b>														
First Nations	1,865	1,106	1,106	1,093	1,547	1,273	***	1,383	1,796	1,796	290	986	1,313	96
Rate per 100 children		59.3	59.3	58.6	82.9	68.3	N/A	74.2	96.3	96.3	15.5	52.9	70.4	5.1
Non-First Nations	13,682	9,851	9,853	9,480	11,363	10,473	***	10,678	12,265	12,269	2,733	10,474	10,945	667
Rate per 100 children		72.0	72.0	69.3	83.1	76.5	N/A	78.0	89.6	89.7	20.0	76.6	80.0	4.9
Total for 11-year-olds	15,547	10,957	10,959	10,573	12,910	11,746	***	12,061	14,061	14,065	3,023	11,460	12,258	763
Rate per 100 children		70.5	70.5	68.0	83.0	75.6	N/A	77.6	90.4	90.5	19.4	73.7	78.8	4.9
<b>Age 17</b>														
First Nations	1,995	845	844	752	1,339	1,028	***	1,433	1,912	1,913	11	1,216	36	76
Rate per 100 children		42.4	42.3	37.7	67.1	51.5	N/A	71.8	95.8	95.9	0.6	61.0	1.8	3.8
Non-First Nations	15,211	10,227	10,234	9,269	12,570	9,895	***	12,803	13,744	13,742	124	11,541	356	505
Rate per 100 children		67.2	67.3	60.9	82.6	65.1	N/A	84.2	90.4	90.3	0.8	75.9	2.3	3.3
Total for 17-year-olds	17,206	11,072	11,078	10,021	13,909	10,923	***	14,236	15,656	15,655	135	12,757	392	581
Rate per 100 children		64.3	64.4	58.2	80.8	63.5	N/A	82.7	91.0	91.0	0.8	74.1	2.3	3.4

# Report 1 – Complete for Age from Birth to 2009 by Immunogen and Region of Residence

## Winnipeg

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>Age 1</b>														
First Nations	596	384	384	384	523	383	375	10	10	10	10	***	5	111
Rate per 100 children		64.4	64.4	64.4	87.8	64.3	62.9	1.7	1.7	1.7	1.7	N/A	0.8	18.6
Non-First Nations	7,141	5,902	5,902	5,888	6,489	5,863	5,752	202	189	190	181	95	304	1,555
Rate per 100 children		82.6	82.6	82.5	90.9	82.1	80.5	2.8	2.6	2.7	2.5	1.3	4.3	21.8
Total for 1-year-olds	7,737	6,286	6,286	6,272	7,012	6,246	6,127	212	199	200	191	99	309	1,666
Rate per 100 children		81.2	81.2	81.1	90.6	80.7	79.2	2.7	2.6	2.6	2.5	1.3	4.0	21.5
<b>Age 2</b>														
First Nations	627	354	354	354	551	352	351	535	535	535	498	9	48	144
Rate per 100 children		56.5	56.5	56.5	87.9	56.1	56.0	85.3	85.3	85.3	79.4	1.4	7.7	23.0
Non-First Nations	7,124	5,337	5,337	5,331	6,345	5,293	5,129	6,266	6,262	6,262	5,862	226	718	2,006
Rate per 100 children		74.9	74.9	74.8	89.1	74.3	72.0	88.0	87.9	87.9	82.3	3.2	10.1	28.2
Total for 2-year-olds	7,751	5,691	5,691	5,685	6,896	5,645	5,480	6,801	6,797	6,797	6,360	235	766	2,150
Rate per 100 children		73.4	73.4	73.3	89.0	72.8	70.7	87.7	87.7	87.7	82.1	3.0	9.9	27.7
<b>Age 7</b>														
First Nations	474	278	278	276	415	353	***	333	463	463	126	***	***	31
Rate per 100 children		58.6	58.6	58.2	87.6	74.5	N/A	70.3	97.7	97.7	26.6	N/A	N/A	6.5
Non-First Nations	7,046	4,788	4,787	4,750	5,761	5,289	322	5,190	6,371	6,369	3,166	438	558	543
Rate per 100 children		68.0	67.9	67.4	81.8	75.1	4.6	73.7	90.4	90.4	44.9	6.2	7.9	7.7
Total for 7-year-olds	7,520	5,066	5,065	5,026	6,176	5,642	325	5,523	6,834	6,832	3,292	440	562	574
Rate per 100 children		67.4	67.4	66.8	82.1	75.0	4.3	73.4	90.9	90.9	43.8	5.9	7.5	7.6
<b>Age 11</b>														
First Nations	436	253	253	243	363	296	***	312	415	415	57	244	284	26
Rate per 100 children		58.0	58.0	55.7	83.3	67.9	N/A	71.6	95.2	95.2	13.1	56.0	65.1	6.0
Non-First Nations	7,447	4,852	4,853	4,612	5,826	5,365	***	5,257	6,438	6,440	1,629	5,585	5,872	420
Rate per 100 children		65.2	65.2	61.9	78.2	72.0	N/A	70.6	86.5	86.5	21.9	75.0	78.9	5.6
Total for 11-year-olds	7,883	5,105	5,106	4,855	6,189	5,661	***	5,569	6,853	6,855	1,686	5,829	6,156	446
Rate per 100 children		64.8	64.8	61.6	78.5	71.8	N/A	70.6	86.9	87.0	21.4	73.9	78.1	5.7
<b>Age 17</b>														
First Nations	500	217	217	170	398	290	***	409	497	497	***	318	8	20
Rate per 100 children		43.4	43.4	34.0	79.6	58.0	N/A	81.8	99.4	99.4	N/A	63.6	1.6	4.0
Non-First Nations	8,574	5,255	5,259	4,712	6,831	5,336	***	6,831	7,437	7,435	88	6,231	233	283
Rate per 100 children		61.3	61.3	55.0	79.7	62.2	N/A	79.7	86.7	86.7	1.0	72.7	2.7	3.3
Total for 17-year-olds	9,074	5,472	5,476	4,882	7,229	5,626	***	7,240	7,934	7,932	89	6,549	241	303
Rate per 100 children		60.3	60.3	53.8	79.7	62.0	N/A	79.8	87.4	87.4	1.0	72.2	2.7	3.3



# Report 1 – Complete for Age from Birth to 2009 by Immunogen and Region of Residence

## Brandon

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>Age 1</b>														
First Nations	65	46	46	46	56	46	46	***	***	***	***	***	***	***
Rate per 100 children		70.8	70.8	70.8	86.2	70.8	70.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	604	521	521	521	567	520	506	24	23	23	21	5	25	71
Rate per 100 children		86.3	86.3	86.3	93.9	86.1	83.8	4.0	3.8	3.8	3.5	0.8	4.1	11.8
Total for 1-year-olds	669	567	567	567	623	566	552	26	25	25	23	5	26	74
Rate per 100 children		84.8	84.8	84.8	93.1	84.6	82.5	3.9	3.7	3.7	3.4	0.7	3.9	11.1
<b>Age 2</b>														
First Nations	58	27	27	27	39	27	26	39	39	39	36	***	***	***
Rate per 100 children		46.6	46.6	46.6	67.2	46.6	44.8	67.2	67.2	67.2	62.1	N/A	N/A	N/A
Non-First Nations	666	484	484	484	612	475	455	594	592	590	554	15	27	97
Rate per 100 children		72.7	72.7	72.7	91.9	71.3	68.3	89.2	88.9	88.6	83.2	2.3	4.1	14.6
Total for 2-year-olds	724	511	511	511	651	502	481	633	631	629	590	15	28	100
Rate per 100 children		70.6	70.6	70.6	89.9	69.3	66.4	87.4	87.2	86.9	81.5	2.1	3.9	13.8
<b>Age 7</b>														
First Nations	51	33	33	33	47	38	***	43	49	49	15	***	***	***
Rate per 100 children		64.7	64.7	64.7	92.2	74.5	N/A	84.3	96.1	96.1	29.4	N/A	N/A	N/A
Non-First Nations	564	424	424	419	492	449	18	470	525	526	272	21	43	43
Rate per 100 children		75.2	75.2	74.3	87.2	79.6	3.2	83.3	93.1	93.3	48.2	3.7	7.6	7.6
Total for 7-year-olds	615	457	457	452	539	487	18	513	574	575	287	21	44	44
Rate per 100 children		74.3	74.3	73.5	87.6	79.2	2.9	83.4	93.3	93.5	46.7	3.4	7.2	7.2
<b>Age 11</b>														
First Nations	42	31	31	31	39	33	***	36	40	40	9	19	25	***
Rate per 100 children		73.8	73.8	73.8	92.9	78.6	N/A	85.7	95.2	95.2	21.4	45.2	59.5	N/A
Non-First Nations	540	396	396	393	449	410	***	433	486	486	129	424	454	29
Rate per 100 children		73.3	73.3	72.8	83.1	75.9	N/A	80.2	90.0	90.0	23.9	78.5	84.1	5.4
Total for 11-year-olds	582	427	427	424	488	443	***	469	526	526	138	443	479	32
Rate per 100 children		73.4	73.4	72.9	83.8	76.1	N/A	80.6	90.4	90.4	23.7	76.1	82.3	5.5
<b>Age 17</b>														
First Nations	36	20	20	18	27	22	***	31	38	38	***	29	***	***
Rate per 100 children		55.6	55.6	50.0	75.0	61.1	N/A	86.1	105.6	105.6	N/A	80.6	N/A	N/A
Non-First Nations	580	420	420	404	457	412	***	495	529	530	***	451	6	22
Rate per 100 children		72.4	72.4	69.7	78.8	71.0	N/A	85.3	91.2	91.4	N/A	77.8	1.0	3.8
Total for 17-year-olds	616	440	440	422	484	434	***	526	567	568	***	480	6	23
Rate per 100 children		71.4	71.4	68.5	78.6	70.5	N/A	85.4	92.0	92.2	N/A	77.9	1.0	3.7



# Report 1 – Complete for Age from Birth to 2009 by Immunogen and Region of Residence

## North Eastman

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>Age 1</b>														
First Nations	196	123	123	123	163	121	119	7	7	7	6	***	***	16
Rate per 100 children		62.8	62.8	62.8	83.2	61.7	60.7	3.6	3.6	3.6	3.1	N/A	N/A	8.2
Non-First Nations	317	259	259	259	285	259	258	13	13	13	10	***	14	43
Rate per 100 children		81.7	81.7	81.7	89.9	81.7	81.4	4.1	4.1	4.1	3.2	N/A	4.4	13.6
Total for 1-year-olds	513	382	382	382	448	380	377	20	20	20	16	***	18	59
Rate per 100 children		74.5	74.5	74.5	87.3	74.1	73.5	3.9	3.9	3.9	3.1	N/A	3.5	11.5
<b>Age 2</b>														
First Nations	156	81	81	81	116	81	79	118	118	118	110	***	12	20
Rate per 100 children		51.9	51.9	51.9	74.4	51.9	50.6	75.6	75.6	75.6	70.5	N/A	7.7	12.8
Non-First Nations	365	253	253	253	319	251	251	316	316	316	290	7	36	62
Rate per 100 children		69.3	69.3	69.3	87.4	68.8	68.8	86.6	86.6	86.6	76.7	1.9	9.9	17.0
Total for 2-year-olds	521	334	334	334	435	332	330	434	434	434	390	7	48	82
Rate per 100 children		64.1	64.1	64.1	83.5	63.7	63.3	83.3	83.3	83.3	74.9	1.3	9.2	15.7
<b>Age 7</b>														
First Nations	146	82	82	82	125	101	***	104	138	138	38	***	***	12
Rate per 100 children		56.2	56.2	56.2	85.6	69.2	N/A	71.2	94.5	94.5	26.0	N/A	N/A	8.2
Non-First Nations	377	317	317	316	363	334	9	345	374	374	154	23	24	22
Rate per 100 children		84.1	84.1	83.8	96.3	88.6	2.4	91.5	99.2	99.2	40.8	6.1	6.4	5.8
Total for 7-year-olds	523	399	399	398	488	435	10	449	512	512	192	23	24	34
Rate per 100 children		76.3	76.3	76.1	93.3	83.2	1.9	85.9	97.9	97.9	36.7	4.4	4.6	6.5
<b>Age 11</b>														
First Nations	155	81	81	81	123	102	***	102	149	149	16	79	91	17
Rate per 100 children		52.3	52.3	52.3	79.4	65.8	N/A	65.8	96.1	96.1	10.3	51.0	58.7	11.0
Non-First Nations	427	347	347	337	386	359	***	372	400	400	76	337	342	16
Rate per 100 children		81.3	81.3	78.9	90.4	84.1	N/A	87.1	93.7	93.7	17.8	78.9	80.1	3.7
Total for 11-year-olds	582	428	428	418	509	461	***	474	549	549	92	416	433	33
Rate per 100 children		73.5	73.5	71.8	87.5	79.2	N/A	81.4	94.3	94.3	15.8	71.5	74.4	5.7
<b>Age 17</b>														
First Nations	151	55	58	52	98	67	***	112	141	141	***	81	***	***
Rate per 100 children		36.4	38.4	34.4	64.9	44.4	N/A	74.2	93.4	93.4	N/A	53.6	N/A	N/A
Non-First Nations	511	370	370	333	460	349	***	472	491	491	***	384	13	16
Rate per 100 children		72.4	72.4	65.2	90.0	68.3	N/A	92.4	96.1	96.1	N/A	75.1	2.5	3.1
Total for 17-year-olds	662	425	428	385	558	416	***	584	632	632	***	465	17	20
Rate per 100 children		64.2	64.7	58.2	84.3	62.8	N/A	88.2	95.5	95.5	N/A	70.2	2.6	3.0

# Report 1 – Complete for Age from Birth to 2009 by Immunogen and Region of Residence

## South Eastman

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>Age 1</b>														
First Nations	7	7	7	7	8	7	7	***	***	***	***	***	***	***
Rate per 100 children		100.0	100.0	100.0	114.3	100.0	100.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	1,100	923	923	922	988	921	904	22	22	22	16	23	41	81
Rate per 100 children		83.9	83.9	83.8	89.8	83.7	82.2	2.0	2.0	2.0	1.5	2.1	3.7	7.4
Total for 1-year-olds	1,107	930	930	929	996	928	911	22	22	22	16	23	41	81
Rate per 100 children		84.0	84.0	83.9	90.0	83.8	82.3	2.0	2.0	2.0	1.4	2.1	3.7	7.3
<b>Age 2</b>														
First Nations	8	8	8	8	8	7	8	8	8	8	8	***	***	***
Rate per 100 children		100.0	100.0	100.0	100.0	87.5	100.0	100.0	100.0	100.0	100.0	N/A	N/A	N/A
Non-First Nations	1,040	783	783	783	936	780	747	909	908	908	795	30	107	122
Rate per 100 children		75.3	75.3	75.3	90.0	75.0	71.8	87.4	87.3	87.3	76.4	2.9	10.3	11.7
Total for 2-year-olds	1,048	791	791	791	944	787	755	917	916	916	803	30	108	124
Rate per 100 children		75.5	75.5	75.5	90.1	75.1	72.0	87.5	87.4	87.4	76.6	2.9	10.3	11.8
<b>Age 7</b>														
First Nations	8	9	9	9	11	9	***	11	11	11	5	***	***	***
Rate per 100 children		112.5	112.5	112.5	137.5	112.5	N/A	137.5	137.5	137.5	62.5	N/A	N/A	N/A
Non-First Nations	1,046	890	890	885	977	919	34	942	1,006	1,006	399	122	82	39
Rate per 100 children		85.1	85.1	84.6	93.4	87.9	3.3	90.1	96.2	96.2	38.1	11.7	7.8	3.7
Total for 7-year-olds	1,054	899	899	894	988	928	34	953	1,017	1,017	404	122	82	39
Rate per 100 children		85.3	85.3	84.8	93.7	88.0	3.2	90.4	96.5	96.5	38.3	11.6	7.8	3.7
<b>Age 11</b>														
First Nations	5	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100 children		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	1,094	895	895	852	974	885	***	985	1,025	1,027	131	871	861	35
Rate per 100 children		81.8	81.8	77.9	89.0	80.9	N/A	90.0	93.7	93.9	12.0	79.6	78.7	3.2
Total for 11-year-olds	1,099	898	898	855	978	889	***	989	1,029	1,031	131	874	864	35
Rate per 100 children		81.7	81.7	77.8	89.0	80.9	N/A	90.0	93.6	93.8	11.9	79.5	78.6	3.2
<b>Age 17</b>														
First Nations	5	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100 children		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	1,088	805	805	707	972	708	***	1,006	1,053	1,054	7	833	27	25
Rate per 100 children		74.0	74.0	65.0	89.3	65.1	N/A	92.5	96.8	96.9	0.6	76.6	2.5	2.3
Total for 17-year-olds	1,093	808	808	709	976	711	***	1,009	1,057	1,058	7	835	27	25
Rate per 100 children		73.9	73.9	64.9	89.3	65.1	N/A	92.3	96.7	96.8	0.6	76.4	2.5	2.3

# Report 1 – Complete for Age from Birth to 2009 by Immunogen and Region of Residence

## Interlake

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>Age 1</b>														
First Nations	164	106	106	106	139	106	105	***	***	***	***	***	***	14
Rate per 100 children		64.6	64.6	64.6	84.8	64.6	64.0	N/A	N/A	N/A	N/A	N/A	N/A	8.5
Non-First Nations	701	574	574	574	632	572	563	15	15	15	13	***	19	88
Rate per 100 children		81.9	81.9	81.9	90.2	81.6	80.3	2.1	2.1	2.1	1.9	N/A	2.7	12.6
Total for 1-year-olds	865	680	680	680	771	678	668	16	16	16	15	5	19	102
Rate per 100 children		78.6	78.6	78.6	89.1	78.4	77.2	1.8	1.8	1.8	1.7	0.6	2.2	11.8
<b>Age 2</b>														
First Nations	156	79	79	79	123	79	80	118	118	118	84	***	13	10
Rate per 100 children		50.6	50.6	50.6	78.8	50.6	51.3	75.6	75.6	75.6	53.8	N/A	8.3	6.4
Non-First Nations	754	549	549	549	653	547	528	645	645	645	588	9	51	114
Rate per 100 children		72.8	72.8	72.8	86.6	72.5	70.0	85.5	85.5	85.5	78.0	1.2	6.8	15.1
Total for 2-year-olds	910	628	628	628	776	626	608	763	763	763	672	10	64	124
Rate per 100 children		69.0	69.0	69.0	85.3	68.8	66.8	83.8	83.8	83.8	73.8	1.1	7.0	13.6
<b>Age 7</b>														
First Nations	128	90	90	90	109	97	***	104	126	126	28	***	9	5
Rate per 100 children		70.3	70.3	70.3	85.2	75.8	N/A	81.3	98.4	98.4	21.9	N/A	7.0	3.9
Non-First Nations	788	564	564	561	684	629	21	615	716	716	328	20	44	55
Rate per 100 children		71.6	71.6	71.2	86.8	79.8	2.7	78.0	90.9	90.9	41.6	2.5	5.6	7.0
Total for 7-year-olds	916	654	654	651	793	726	21	719	842	842	356	21	53	60
Rate per 100 children		71.4	71.4	71.1	86.6	79.3	2.3	78.5	91.9	91.9	38.9	2.3	5.8	6.6
<b>Age 11</b>														
First Nations	132	86	86	85	123	109	***	98	130	130	18	54	80	7
Rate per 100 children		65.2	65.2	64.4	93.2	82.6	N/A	74.2	98.5	98.5	13.6	40.9	60.6	5.3
Non-First Nations	858	635	635	617	720	682	***	668	759	759	152	651	667	25
Rate per 100 children		74.0	74.0	71.9	83.9	79.5	N/A	77.9	88.5	88.5	17.7	75.9	77.7	2.9
Total for 11-year-olds	990	721	721	702	843	791	***	766	889	889	170	705	747	32
Rate per 100 children		72.8	72.8	70.9	85.2	79.9	N/A	77.4	89.8	89.8	17.2	71.2	75.5	3.2
<b>Age 17</b>														
First Nations	164	66	66	63	116	102	***	113	161	161	***	96	5	***
Rate per 100 children		40.2	40.2	38.4	70.7	62.2	N/A	68.9	98.2	98.2	N/A	58.5	3.0	N/A
Non-First Nations	1,003	715	715	640	831	657	***	837	907	907	12	782	16	38
Rate per 100 children		71.3	71.3	63.8	82.9	65.5	N/A	83.4	90.4	90.4	1.2	78.0	1.6	3.8
Total for 17-year-olds	1,167	781	781	703	947	759	***	950	1,068	1,068	14	878	21	41
Rate per 100 children		66.9	66.9	60.2	81.1	65.0	N/A	81.4	91.5	91.5	1.2	75.2	1.8	3.5

# Report 1 – Complete for Age from Birth to 2009 by Immunogen and Region of Residence

## Central

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>Age 1</b>														
First Nations	194	87	87	86	131	86	86	***	***	***	***	***	***	9
Rate per 100 children		44.8	44.8	44.3	67.5	44.3	44.3	N/A	N/A	N/A	N/A	N/A	N/A	4.6
Non-First Nations	1,514	1,131	1,131	1,131	1,269	1,129	1,069	22	22	22	19	20	27	113
Rate per 100 children		74.7	74.7	74.7	83.8	74.6	70.6	1.5	1.5	1.5	1.3	1.3	1.8	7.5
Total for 1-year-olds	1,708	1,218	1,218	1,217	1,400	1,215	1,155	22	22	22	19	20	27	122
Rate per 100 children		71.3	71.3	71.3	82.0	71.1	67.6	1.3	1.3	1.3	1.1	1.2	1.6	7.1
<b>Age 2</b>														
First Nations	175	57	57	57	123	57	55	126	126	126	116	***	6	10
Rate per 100 children		32.6	32.6	32.6	70.3	32.6	31.4	72.0	72.0	72.0	66.3	N/A	3.4	5.7
Non-First Nations	1,455	959	959	958	1,215	955	889	1,185	1,185	1,185	967	66	61	155
Rate per 100 children		65.9	65.9	65.8	83.5	65.6	61.1	81.4	81.4	81.4	66.5	4.5	4.2	10.7
Total for 2-year-olds	1,630	1,016	1,016	1,015	1,338	1,012	944	1,311	1,311	1,311	1,083	66	67	165
Rate per 100 children		62.3	62.3	62.3	82.1	62.1	57.9	80.4	80.4	80.4	66.4	4.0	4.1	10.1
<b>Age 7</b>														
First Nations	145	97	97	96	133	115	***	119	140	140	52	***	***	***
Rate per 100 children		66.9	66.9	66.2	91.7	79.3	N/A	82.1	96.6	96.6	35.9	N/A	N/A	N/A
Non-First Nations	1,459	1,111	1,112	1,103	1,293	1,186	34	1,203	1,334	1,335	460	150	79	57
Rate per 100 children		76.1	76.2	75.6	88.6	81.3	2.3	82.5	91.4	91.5	31.5	10.3	5.4	3.9
Total for 7-year-olds	1,604	1,208	1,209	1,199	1,426	1,301	35	1,322	1,474	1,475	512	152	80	59
Rate per 100 children		75.3	75.4	74.8	88.9	81.1	2.2	82.4	91.9	92.0	31.9	9.5	5.0	3.7
<b>Age 11</b>														
First Nations	118	48	48	48	80	52	***	95	115	115	23	39	66	***
Rate per 100 children		40.7	40.7	40.7	67.8	44.1	N/A	80.5	97.5	97.5	19.5	33.1	55.9	N/A
Non-First Nations	1,499	1,210	1,211	1,165	1,331	1,205	***	1,331	1,419	1,419	243	1,143	1,176	39
Rate per 100 children		80.7	80.8	77.7	88.8	80.4	N/A	88.8	94.7	94.7	16.2	76.3	78.5	2.6
Total for 11-year-olds	1,617	1,258	1,259	1,213	1,411	1,257	***	1,426	1,534	1,534	266	1,182	1,242	40
Rate per 100 children		77.8	77.9	75.0	87.3	77.7	N/A	88.2	94.9	94.9	16.5	73.1	76.8	2.5
<b>Age 17</b>														
First Nations	135	39	39	33	69	69	***	106	127	127	***	59	8	5
Rate per 100 children		28.9	28.9	24.4	51.1	51.1	N/A	78.5	94.1	94.1	N/A	43.7	5.9	3.7
Non-First Nations	1,603	1,236	1,238	1,124	1,411	1,121	***	1,489	1,564	1,563	8	1,294	25	40
Rate per 100 children		77.1	77.2	70.1	88.0	69.9	N/A	92.9	97.6	97.5	0.5	80.7	1.6	2.5
Total for 17-year-olds	1,738	1,275	1,277	1,157	1,480	1,190	***	1,595	1,691	1,690	8	1,353	33	45
Rate per 100 children		73.4	73.5	66.6	85.2	68.5	N/A	91.8	97.3	97.2	0.5	77.8	1.9	2.6



# Report 1 – Complete for Age from Birth to 2009 by Immunogen and Region of Residence

## Assiniboine

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>Age 1</b>														
First Nations	108	74	74	74	95	74	72	***	***	***	***	***	***	***
Rate per 100 children		68.5	68.5	68.5	88.0	68.5	66.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	658	564	564	564	606	563	536	10	10	10	8	6	11	21
Rate per 100 children		85.7	85.7	85.7	92.1	85.6	81.5	1.5	1.5	1.5	1.2	0.9	1.7	3.2
Total for 1-year-olds	766	638	638	638	701	637	608	11	11	11	8	6	12	23
Rate per 100 children		83.3	83.3	83.3	91.5	83.2	79.4	1.4	1.4	1.4	1.0	0.8	1.6	3.0
<b>Age 2</b>														
First Nations	99	57	57	57	80	56	57	78	78	78	74	***	***	***
Rate per 100 children		57.6	57.6	57.6	80.8	56.6	57.6	78.8	78.8	78.8	74.7	N/A	N/A	N/A
Non-First Nations	718	579	579	579	670	577	548	651	650	650	563	10	29	58
Rate per 100 children		80.6	80.6	80.6	93.3	80.4	76.3	90.7	90.5	90.5	78.4	1.4	4.0	8.1
Total for 2-year-olds	817	636	636	636	750	633	605	729	728	728	637	10	32	61
Rate per 100 children		77.8	77.8	77.8	91.8	77.5	74.1	89.2	89.1	89.1	78.0	1.2	3.9	7.5
<b>Age 7</b>														
First Nations	79	61	61	61	74	68	***	66	77	77	24	***	***	***
Rate per 100 children		77.2	77.2	77.2	93.7	86.1	N/A	83.5	97.5	97.5	30.4	N/A	N/A	N/A
Non-First Nations	675	546	546	545	606	576	17	583	623	623	289	24	45	32
Rate per 100 children		80.9	80.9	80.7	89.8	85.3	2.5	86.4	92.3	92.3	42.8	3.6	6.7	4.7
Total for 7-year-olds	754	607	607	606	680	644	17	649	700	700	313	24	46	34
Rate per 100 children		80.5	80.5	80.4	90.2	85.4	2.3	86.1	92.8	92.8	41.5	3.2	6.1	4.5
<b>Age 11</b>														
First Nations	68	36	36	36	58	47	***	47	67	67	***	38	51	7
Rate per 100 children		52.9	52.9	52.9	85.3	69.1	N/A	69.1	98.5	98.5	N/A	55.9	75.0	10.3
Non-First Nations	780	655	655	648	711	672	***	700	740	740	152	636	669	32
Rate per 100 children		84.0	84.0	83.1	91.2	86.2	N/A	89.7	94.9	94.9	19.5	81.5	85.8	4.1
Total for 11-year-olds	848	691	691	684	769	719	***	747	807	807	156	674	720	39
Rate per 100 children		81.5	81.5	80.7	90.7	84.8	N/A	88.1	95.2	95.2	18.4	79.5	84.9	4.6
<b>Age 17</b>														
First Nations	96	37	37	33	63	69	***	67	92	92	***	75	***	6
Rate per 100 children		38.5	38.5	34.4	65.6	71.9	N/A	69.8	95.8	95.8	N/A	78.1	N/A	6.3
Non-First Nations	865	694	694	656	747	641	***	771	800	800	***	718	19	30
Rate per 100 children		80.2	80.2	75.8	86.4	74.1	N/A	89.1	92.5	92.5	N/A	83.0	2.2	3.5
Total for 17-year-olds	961	731	731	689	810	710	***	838	892	892	***	793	21	36
Rate per 100 children		76.1	76.1	71.7	84.3	73.9	N/A	87.2	92.8	92.8	N/A	82.5	2.2	3.7

# Report 1 – Complete for Age from Birth to 2009 by Immunogen and Region of Residence

## Parkland

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>Age 1</b>														
First Nations	155	121	121	121	140	121	111	***	***	***	***	***	***	5
Rate per 100 children		78.1	78.1	78.1	90.3	78.1	71.6	N/A	N/A	N/A	N/A	N/A	N/A	3.2
Non-First Nations	404	353	353	353	381	352	346	8	8	8	6	***	16	26
Rate per 100 children		87.4	87.4	87.4	94.3	87.1	85.6	2.0	2.0	2.0	1.5	N/A	4.0	6.4
Total for 1-year-olds	559	474	474	474	521	473	457	9	9	9	7	***	17	31
Rate per 100 children		84.8	84.8	84.8	93.2	84.6	81.8	1.6	1.6	1.6	1.3	N/A	3.0	5.5
<b>Age 2</b>														
First Nations	125	93	93	93	116	93	88	114	114	114	106	***	5	12
Rate per 100 children		74.4	74.4	74.4	92.8	74.4	70.4	91.2	91.2	91.2	84.8	N/A	4.0	9.6
Non-First Nations	429	348	348	348	404	347	341	390	390	390	371	***	30	37
Rate per 100 children		81.1	81.1	81.1	94.2	80.9	79.5	90.9	90.9	90.9	86.5	N/A	7.0	8.6
Total for 2-year-olds	554	441	441	441	520	440	429	504	504	504	477	***	35	49
Rate per 100 children		79.6	79.6	79.6	93.9	79.4	77.4	91.0	91.0	91.0	86.1	N/A	6.3	8.8
<b>Age 7</b>														
First Nations	87	70	70	70	85	75	***	78	90	90	47	***	***	***
Rate per 100 children		80.5	80.5	80.5	97.7	86.2	N/A	89.7	103.4	103.4	54.0	N/A	N/A	N/A
Non-First Nations	417	363	363	363	402	383	7	383	415	415	186	20	25	25
Rate per 100 children		87.1	87.1	87.1	96.4	91.8	1.7	91.8	99.5	99.5	44.6	4.8	6.0	6.0
Total for 7-year-olds	504	433	433	433	487	458	7	461	505	505	233	20	26	27
Rate per 100 children		85.9	85.9	85.9	96.6	90.9	1.4	91.5	100.2	100.2	46.2	4.0	5.2	5.4
<b>Age 11</b>														
First Nations	85	76	76	76	85	78	***	81	86	86	24	56	70	5
Rate per 100 children		89.4	89.4	89.4	100.0	91.8	N/A	95.3	101.2	101.2	28.2	65.9	82.4	5.9
Non-First Nations	470	408	408	405	447	417	***	439	453	453	99	392	414	18
Rate per 100 children		86.8	86.8	86.2	95.1	88.7	N/A	93.4	96.4	96.4	21.1	83.4	88.1	3.8
Total for 11-year-olds	555	484	484	481	532	495	***	520	539	539	123	448	484	23
Rate per 100 children		87.2	87.2	86.7	95.9	89.2	N/A	93.7	97.1	97.1	22.2	80.7	87.2	4.1
<b>Age 17</b>														
First Nations	111	74	74	72	93	65	***	106	113	113	***	104	***	6
Rate per 100 children		66.7	66.7	64.9	83.8	58.6	N/A	95.5	101.8	101.8	N/A	93.7	N/A	5.4
Non-First Nations	472	382	383	361	427	349	***	448	465	464	***	411	***	17
Rate per 100 children		80.9	81.1	76.5	90.5	73.9	N/A	94.9	98.5	98.3	N/A	87.1	N/A	3.6
Total for 17-year-olds	583	456	457	433	520	414	***	554	578	577	***	515	***	23
Rate per 100 children		78.2	78.4	74.3	89.2	71.0	N/A	95.0	99.1	99.0	N/A	88.3	N/A	3.9

# Report 1 – Complete for Age from Birth to 2009 by Immunogen and Region of Residence

## NOR-MAN

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>Age 1</b>														
First Nations	226	162	162	162	202	162	161	7	7	7	6	***	***	14
Rate per 100 children		71.7	71.7	71.7	89.4	71.7	71.2	3.1	3.1	3.1	2.7	N/A	N/A	6.2
Non-First Nations	210	182	182	182	198	182	181	6	6	6	5	***	5	43
Rate per 100 children		86.7	86.7	86.7	94.3	86.7	86.2	2.9	2.9	2.9	2.4	N/A	2.4	20.5
Total for 1-year-olds	436	344	344	344	400	344	342	13	13	13	11	***	9	57
Rate per 100 children		78.9	78.9	78.9	91.7	78.9	78.4	3.0	3.0	3.0	2.5	N/A	2.1	13.1
<b>Age 2</b>														
First Nations	231	158	158	158	212	157	156	214	214	214	202	***	6	24
Rate per 100 children		68.4	68.4	68.4	91.8	68.0	67.5	92.6	92.6	92.6	87.4	N/A	2.6	10.4
Non-First Nations	264	200	200	200	247	199	197	240	240	240	229	***	12	66
Rate per 100 children		75.8	75.8	75.8	93.6	75.4	74.6	90.9	90.9	90.9	86.7	N/A	4.5	25.0
Total for 2-year-olds	495	358	358	358	459	356	353	454	454	454	431	***	18	90
Rate per 100 children		72.3	72.3	72.3	92.7	71.9	71.3	91.7	91.7	91.7	87.1	N/A	3.6	18.2
<b>Age 7</b>														
First Nations	169	137	137	137	167	145	***	158	173	173	50	***	***	13
Rate per 100 children		81.1	81.1	81.1	98.8	85.8	N/A	93.5	102.4	102.4	29.6	N/A	N/A	7.7
Non-First Nations	237	207	207	206	223	216	***	213	227	227	121	6	11	23
Rate per 100 children		87.3	87.3	86.9	94.1	91.1	N/A	89.9	95.8	95.8	51.1	2.5	4.6	9.7
Total for 7-year-olds	406	344	344	343	390	361	***	371	400	400	171	7	15	36
Rate per 100 children		84.7	84.7	84.5	96.1	88.9	N/A	91.4	98.5	98.5	42.1	1.7	3.7	8.9
<b>Age 11</b>														
First Nations	171	134	134	134	161	145	***	152	172	172	23	99	138	7
Rate per 100 children		78.4	78.4	78.4	94.2	84.8	N/A	88.9	100.6	100.6	13.5	57.9	80.7	4.1
Non-First Nations	258	216	216	215	239	224	***	231	249	249	51	207	233	18
Rate per 100 children		83.7	83.7	83.3	92.6	86.8	N/A	89.5	96.5	96.5	19.8	80.2	90.3	7.0
Total for 11-year-olds	429	350	350	349	400	369	***	383	421	421	74	306	371	25
Rate per 100 children		81.6	81.6	81.4	93.2	86.0	N/A	89.3	98.1	98.1	17.2	71.3	86.5	5.8
<b>Age 17</b>														
First Nations	129	63	63	60	98	78	***	108	123	123	***	97	***	13
Rate per 100 children		48.8	48.8	46.5	76.0	60.5	N/A	83.7	95.3	95.3	N/A	75.2	N/A	10.1
Non-First Nations	253	177	177	172	218	172	***	233	249	249	***	230	***	14
Rate per 100 children		70.0	70.0	68.0	86.2	68.0	N/A	92.1	98.4	98.4	N/A	90.9	N/A	5.5
Total for 17-year-olds	382	240	240	232	316	250	***	341	372	372	***	327	6	27
Rate per 100 children		62.8	62.8	60.7	82.7	65.4	N/A	89.3	97.4	97.4	N/A	85.6	1.6	7.1



# Report 1 – Complete for Age from Birth to 2009 by Immunogen and Region of Residence

## Burntwood

	Pop	Diphth	Tet	Port	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>Age 1</b>														
First Nations	962	624	624	624	842	624	618	24	24	24	20	10	15	20
Rate per 100 children		64.9	64.9	64.9	87.5	64.9	64.2	2.5	2.5	2.5	2.1	1.0	1.6	2.1
Non-First Nations	358	277	277	276	320	276	276	5	***	***	5	11	7	23
Rate per 100 children		77.4	77.4	77.1	89.4	77.1	77.1	1.4	N/A	N/A	1.4	3.1	2.0	6.4
Total for 1-year-olds	1,320	901	901	900	1,162	900	894	29	28	28	25	21	22	43
Rate per 100 children		68.3	68.3	68.2	88.0	68.2	67.7	2.2	2.1	2.1	1.9	1.6	1.7	3.3
<b>Age 2</b>														
First Nations	936	577	577	577	824	575	572	845	845	845	800	11	78	37
Rate per 100 children		61.6	61.6	61.6	88.0	61.4	61.1	90.3	90.3	90.3	85.5	1.2	8.3	4.0
Non-First Nations	350	269	269	269	327	267	264	324	324	324	305	13	19	54
Rate per 100 children		76.9	76.9	76.9	93.4	76.3	75.4	92.6	92.6	92.6	87.1	3.7	5.4	15.4
Total for 2-year-olds	1,286	846	846	846	1,151	842	836	1,169	1,169	1,169	1,105	24	97	91
Rate per 100 children		65.8	65.8	65.8	89.5	65.5	65.0	90.9	90.9	90.9	85.9	1.9	7.5	7.1
<b>Age 7</b>														
First Nations	675	398	398	397	576	455	***	510	648	648	147	5	***	20
Rate per 100 children		59.0	59.0	58.8	85.3	67.4	N/A	75.6	96.0	96.0	21.8	0.7	N/A	3.0
Non-First Nations	251	189	189	189	243	212	***	220	251	251	106	8	6	32
Rate per 100 children		75.3	75.3	75.3	96.8	84.5	N/A	87.6	100.0	100.0	42.2	3.2	2.4	12.7
Total for 7-year-olds	926	587	587	586	819	667	***	730	899	899	253	13	8	52
Rate per 100 children		63.4	63.4	63.3	88.4	72.0	N/A	78.8	97.1	97.1	27.3	1.4	0.9	5.6
<b>Age 11</b>														
First Nations	652	357	357	355	510	406	***	455	617	617	116	355	504	23
Rate per 100 children		54.8	54.8	54.4	78.2	62.3	N/A	69.8	94.6	94.6	17.8	54.4	77.3	3.5
Non-First Nations	298	230	230	229	273	247	***	255	289	289	68	220	250	33
Rate per 100 children		77.2	77.2	76.8	91.6	82.9	N/A	85.6	97.0	97.0	22.8	73.8	83.9	11.1
Total for 11-year-olds	950	587	587	584	783	653	***	710	906	906	184	575	754	56
Rate per 100 children		61.8	61.8	61.5	82.4	68.7	N/A	74.7	95.4	95.4	19.4	60.5	79.4	5.9
<b>Age 17</b>														
First Nations	664	269	265	247	371	260	***	375	612	613	***	352	7	18
Rate per 100 children		40.5	39.9	37.2	55.9	39.2	N/A	56.5	92.2	92.3	N/A	53.0	1.1	2.7
Non-First Nations	252	165	165	153	207	144	***	214	239	239	***	199	9	20
Rate per 100 children		65.5	65.5	60.7	82.1	57.1	N/A	84.9	94.8	94.8	N/A	79.0	3.6	7.9
Total for 17-year-olds	916	434	430	400	578	404	***	589	851	852	5	551	16	38
Rate per 100 children		47.4	46.9	43.7	63.1	44.1	N/A	64.3	92.9	93.0	0.5	60.2	1.7	4.1



# Report 1 – Complete for Age from Birth to 2009 by Immunogen and Region of Residence

## Churchill

	Pop	Diphth	Tet	Peri	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>Age 1</b>														
First Nations	***	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100 children		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	15	14	14	14	14	14	14	***	***	***	***	***	***	***
Rate per 100 children		93.3	93.3	93.3	93.3	93.3	93.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total for 1-year-olds	15	14	14	14	14	14	14	***	***	***	***	***	***	***
Rate per 100 children		93.3	93.3	93.3	93.3	93.3	93.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Age 2</b>														
First Nations	4	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100 children		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	2	11	11	11	11	11	10	11	11	11	11	***	***	5
Rate per 100 children		91.7	91.7	91.7	91.7	91.7	83.3	91.7	91.7	91.7	91.7	N/A	N/A	41.7
Total for 2-year-olds	16	14	14	14	15	14	13	14	14	14	15	***	***	5
Rate per 100 children		87.5	87.5	87.5	93.8	87.5	81.3	87.5	87.5	87.5	93.8	N/A	N/A	31.3
<b>Age 7</b>														
First Nations	3	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100 children		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	9	11	11	11	11	11	***	11	11	11	11	***	***	***
Rate per 100 children		122.2	122.2	122.2	122.2	122.2	N/A	122.2	122.2	122.2	122.2	N/A	N/A	N/A
Total for 7-year-olds	12	14	14	14	14	14	***	14	14	14	14	***	***	***
Rate per 100 children		116.7	116.7	116.7	116.7	116.7	N/A	116.7	116.7	116.7	116.7	N/A	N/A	N/A
<b>Age 11</b>														
First Nations	1	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100 children		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	11	7	7	7	7	7	***	7	7	7	***	8	7	***
Rate per 100 children		63.6	63.6	63.6	63.6	63.6	N/A	63.6	63.6	63.6	N/A	72.7	63.6	N/A
Total for 11-year-olds	12	8	8	8	8	8	***	8	8	8	***	8	8	***
Rate per 100 children		66.7	66.7	66.7	66.7	66.7	N/A	66.7	66.7	66.7	N/A	66.7	66.7	N/A
<b>Age 17</b>														
First Nations	4	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100 children		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	10	8	8	7	9	6	***	7	10	10	***	8	***	***
Rate per 100 children		80.0	80.0	70.0	90.0	60.0	N/A	70.0	100.0	100.0	N/A	80.0	N/A	N/A
Total for 17-year-olds	14	10	10	9	11	9	***	10	14	14	***	11	***	***
Rate per 100 children		71.4	71.4	64.3	78.6	64.3	N/A	71.4	100.0	100.0	N/A	78.6	N/A	N/A

## Report 2 – Complete for Age from Birth to 2009 by Immunogen and Age

### NOTE:

This report includes both continuous and non-continuous Manitoba residents. Report 2 is the same data as in Report 1, with summary data by age.

### Age 1

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>MANITOBA</b>														
First Nations	2,673	1,734	1,734	1,733	2,299	1,730	1,700	53	53	53	47	15	31	194
Rate per 100		64.9	64.9	64.8	86.0	64.7	63.6	2.0	2.0	2.0	1.8	0.6	1.2	7.3
Non-First Nations	13,022	10,700	10,700	10,684	11,749	10,651	10,405	327	312	313	284	169	469	2,066
Rate per 100		82.2	82.2	82.0	90.2	81.8	79.9	2.5	2.4	2.4	2.2	1.3	3.6	15.9
All Children	15,695	12,434	12,434	12,417	14,048	12,381	12,105	380	365	366	331	184	500	2,260
Rate per 100		79.2	79.2	79.1	89.5	78.9	77.1	2.4	2.3	2.3	2.1	1.2	3.2	14.4
<b>Winnipeg</b>														
First Nations	596	384	384	384	523	383	375	10	10	10	10	***	5	111
Rate per 100		64.4	64.4	64.4	87.8	64.3	62.9	1.7	1.7	1.7	1.7	N/A	0.8	18.6
Non-First Nations	7,141	5,902	5,902	5,888	6,489	5,863	5,752	202	189	190	181	95	304	1,555
Rate per 100		82.6	82.6	82.5	90.9	82.1	80.5	2.8	2.6	2.7	2.5	1.3	4.3	21.8
All Children	7,737	6,286	6,286	6,272	7,012	6,246	6,127	212	199	200	191	99	309	1,666
Rate per 100		81.2	81.2	81.1	90.6	80.7	79.2	2.7	2.6	2.6	2.5	1.3	4.0	21.5
<b>Brandon</b>														
First Nations	65	46	46	46	56	46	46	***	***	***	***	***	***	***
Rate per 100		70.8	70.8	70.8	86.2	70.8	70.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	604	521	521	521	567	520	506	24	23	23	21	5	25	71
Rate per 100		86.3	86.3	86.3	93.9	86.1	83.8	4.0	3.8	3.8	3.5	0.8	4.1	11.8
All Children	669	567	567	567	623	566	552	26	25	25	23	5	26	74
Rate per 100		84.8	84.8	84.8	93.1	84.6	82.5	3.9	3.7	3.7	3.4	0.7	3.9	11.1
<b>North Eastman</b>														
First Nations	196	123	123	123	163	121	119	7	7	7	6	***	***	16
Rate per 100		62.8	62.8	62.8	83.2	61.7	60.7	3.6	3.6	3.6	3.1	N/A	N/A	8.2
Non-First Nations	317	259	259	259	285	259	258	13	13	13	10	***	14	43
Rate per 100		81.7	81.7	81.7	89.9	81.7	81.4	4.1	4.1	4.1	3.2	N/A	4.4	13.6
All Children	513	382	382	382	448	380	377	20	20	20	16	***	18	59
Rate per 100		74.5	74.5	74.5	87.3	74.1	73.5	3.9	3.9	3.9	3.1	N/A	3.5	11.5
<b>South Eastman</b>														
First Nations	7	7	7	7	8	7	7	***	***	***	***	***	***	***
Rate per 100		100.0	100.0	100.0	114.3	100.0	100.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	1,100	923	923	922	988	921	904	22	22	22	16	23	41	81
Rate per 100		83.9	83.9	83.8	89.8	83.7	82.2	2.0	2.0	2.0	1.5	2.1	3.7	7.4
All Children	1,107	930	930	929	996	928	911	22	22	22	16	23	41	81
Rate per 100		84.0	84.0	83.9	90.0	83.8	82.3	2.0	2.0	2.0	1.4	2.1	3.7	7.3
<b>Interlake</b>														
First Nations	164	106	106	106	139	106	105	***	***	***	***	***	***	14
Rate per 100		64.6	64.6	64.6	84.8	64.6	64.0	N/A	N/A	N/A	N/A	N/A	N/A	8.5
Non-First Nations	701	574	574	574	632	572	563	15	15	15	13	***	19	88
Rate per 100		81.9	81.9	81.9	90.2	81.6	80.3	2.1	2.1	2.1	1.9	N/A	2.7	12.6
All Children	865	680	680	680	771	678	668	16	16	16	15	5	19	102
Rate per 100		78.6	78.6	78.6	89.1	78.4	77.2	1.8	1.8	1.8	1.7	0.6	2.2	11.8
<b>Central</b>														
First Nations	194	87	87	86	131	86	86	***	***	***	***	***	***	9
Rate per 100		44.8	44.8	44.3	67.5	44.3	44.3	N/A	N/A	N/A	N/A	N/A	N/A	4.6
Non-First Nations	1,514	1,131	1,131	1,131	1,269	1,129	1,069	22	22	22	19	20	27	113
Rate per 100		74.7	74.7	74.7	83.8	74.6	70.6	1.5	1.5	1.5	1.3	1.3	1.8	7.5
All Children	1,708	1,218	1,218	1,217	1,400	1,215	1,155	22	22	22	19	20	27	122
Rate per 100		71.3	71.3	71.3	82.0	71.1	67.6	1.3	1.3	1.3	1.1	1.2	1.6	7.1
<b>Assiniboine</b>														
First Nations	108	74	74	74	95	74	72	***	***	***	***	***	***	***
Rate per 100		68.5	68.5	68.5	88.0	68.5	66.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	658	564	564	564	606	563	536	10	10	10	8	6	11	21
Rate per 100		85.7	85.7	85.7	92.1	85.6	81.5	1.5	1.5	1.5	1.2	0.9	1.7	3.2
All Children	766	638	638	638	701	637	608	11	11	11	8	6	12	23
Rate per 100		83.3	83.3	83.3	91.5	83.2	79.4	1.4	1.4	1.4	1.0	0.8	1.6	3.0

## Report 2 – Complete for Age from Birth to 2009 by Immunogen and Age

### Age 1

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>Parkland</b>														
First Nations	155	121	121	121	140	121	111	***	***	***	***	***	***	5
Rate per 100		78.1	78.1	78.1	90.3	78.1	71.6	N/A	N/A	N/A	N/A	N/A	N/A	3.2
Non-First Nations	404	353	353	353	381	352	346	8	8	8	6	***	16	26
Rate per 100		87.4	87.4	87.4	94.3	87.1	85.6	2.0	2.0	2.0	1.5	N/A	4.0	6.4
All Children	559	474	474	474	521	473	457	9	9	9	7	***	17	31
Rate per 100		84.8	84.8	84.8	93.2	84.6	81.8	1.6	1.6	1.6	1.3	N/A	3.0	5.5
<b>NOR-MAN</b>														
First Nations	226	162	162	162	202	162	161	7	7	7	6	***	***	14
Rate per 100		71.7	71.7	71.7	89.4	71.7	71.2	3.1	3.1	3.1	2.7	N/A	N/A	6.2
Non-First Nations	210	182	182	182	198	182	181	6	6	6	5	***	5	43
Rate per 100		86.7	86.7	86.7	94.3	86.7	86.2	2.9	2.9	2.9	2.4	N/A	2.4	20.5
All Children	436	344	344	344	400	344	342	13	13	13	11	***	9	57
Rate per 100		78.9	78.9	78.9	91.7	78.9	78.4	3.0	3.0	3.0	2.5	N/A	2.1	13.1
<b>Burntwood</b>														
First Nations	962	624	624	624	842	624	618	24	24	24	20	10	15	20
Rate per 100		64.9	64.9	64.9	87.5	64.9	64.2	2.5	2.5	2.5	2.1	1.0	1.6	2.1
Non-First Nations	358	277	277	276	320	276	276	5	***	***	5	11	7	23
Rate per 100		77.4	77.4	77.1	89.4	77.1	77.1	1.4	N/A	N/A	1.4	3.1	2.0	6.4
All Children	1,320	901	901	900	1,162	900	894	29	28	28	25	21	22	43
Rate per 100		68.3	68.3	68.2	88.0	68.2	67.7	2.2	2.1	2.1	1.9	1.6	1.7	3.3
<b>Churchill</b>														
First Nations	***	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	15	14	14	14	14	14	14	***	***	***	***	***	***	***
Rate per 100		93.3	93.3	93.3	93.3	93.3	93.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Children	15	14	14	14	14	14	14	***	***	***	***	***	***	***
Rate per 100		93.3	93.3	93.3	93.3	93.3	93.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A



# Report 2 - Complete for Age from Birth to 2009 by Immunogen and Age

## Age 2

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>MANITOBA</b>														
First Nations	2,575	1,494	1,494	1,494	2,196	1,487	1,475	2,198	2,198	2,198	2,038	22	173	265
Rate per 100		58.0	58.0	58.0	85.3	57.7	57.3	85.4	85.4	85.4	79.1	0.9	6.7	10.3
Non-First Nations	13,177	9,772	9,772	9,765	11,739	9,702	9,359	11,531	11,523	11,521	10,525	381	1,091	2,776
Rate per 100		74.2	74.2	74.1	89.1	73.6	71.0	87.5	87.4	87.4	79.9	2.9	8.3	21.1
All Children	15,752	11,266	11,266	11,259	13,935	11,189	10,834	13,729	13,721	13,719	12,563	403	1,264	3,041
Rate per 100		71.5	71.5	71.5	88.5	71.0	68.8	87.2	87.1	87.1	79.8	2.6	8.0	19.3
<b>Winnipeg</b>														
First Nations	627	354	354	354	551	352	351	535	535	535	498	9	48	144
Rate per 100		56.5	56.5	56.5	87.9	56.1	56.0	85.3	85.3	85.3	79.4	1.4	7.7	23.0
Non-First Nations	7,124	5,337	5,337	5,331	6,345	5,293	5,129	6,266	6,262	6,262	5,862	226	718	2,006
Rate per 100		74.9	74.9	74.8	89.1	74.3	72.0	88.0	87.9	87.9	82.3	3.2	10.1	28.2
All Children	7,751	5,691	5,691	5,685	6,896	5,645	5,480	6,801	6,797	6,797	6,360	235	766	2,150
Rate per 100		73.4	73.4	73.3	89.0	72.8	70.7	87.7	87.7	87.7	82.1	3.0	9.9	27.7
<b>Brandon</b>														
First Nations	58	27	27	27	39	27	26	39	39	39	36	***	***	***
Rate per 100		46.6	46.6	46.6	67.2	46.6	44.8	67.2	67.2	67.2	62.1	N/A	N/A	N/A
Non-First Nations	666	484	484	484	612	475	455	594	592	590	554	15	27	97
Rate per 100		72.7	72.7	72.7	91.9	71.3	68.3	89.2	88.9	88.6	83.2	2.3	4.1	14.6
All Children	724	511	511	511	651	502	481	633	631	629	590	15	28	100
Rate per 100		70.6	70.6	70.6	89.9	69.3	66.4	87.4	87.2	86.9	81.5	2.1	3.9	13.8
<b>North Eastman</b>														
First Nations	156	81	81	81	116	81	79	118	118	118	110	***	12	20
Rate per 100		51.9	51.9	51.9	74.4	51.9	50.6	75.6	75.6	75.6	70.5	N/A	7.7	12.8
Non-First Nations	365	253	253	253	319	251	251	316	316	316	280	7	36	62
Rate per 100		69.3	69.3	69.3	87.4	68.8	68.8	86.6	86.6	86.6	76.7	1.9	9.9	17.0
All Children	521	334	334	334	435	332	330	434	434	434	390	7	48	82
Rate per 100		64.1	64.1	64.1	83.5	63.7	63.3	83.3	83.3	83.3	74.9	1.3	9.2	15.7
<b>South Eastman</b>														
First Nations	8	8	8	8	8	7	8	8	8	8	8	***	***	***
Rate per 100		100.0	100.0	100.0	100.0	87.5	100.0	100.0	100.0	100.0	100.0	N/A	N/A	N/A
Non-First Nations	1,040	783	783	783	936	780	747	909	908	908	795	30	107	122
Rate per 100		75.3	75.3	75.3	90.0	75.0	71.8	87.4	87.3	87.3	76.4	2.9	10.3	11.7
All Children	1,048	791	791	791	944	787	755	917	916	916	803	30	108	124
Rate per 100		75.5	75.5	75.5	90.1	75.1	72.0	87.5	87.4	87.4	76.6	2.9	10.3	11.8
<b>Interlake</b>														
First Nations	156	79	79	79	123	79	80	118	118	118	84	***	13	10
Rate per 100		50.6	50.6	50.6	78.8	50.6	51.3	75.6	75.6	75.6	53.8	N/A	8.3	6.4
Non-First Nations	754	549	549	549	653	547	528	645	645	645	588	9	51	114
Rate per 100		72.8	72.8	72.8	86.6	72.5	70.0	85.5	85.5	85.5	78.0	1.2	6.8	15.1
All Children	910	628	628	628	776	626	608	763	763	763	672	10	64	124
Rate per 100		69.0	69.0	69.0	85.3	68.8	66.8	83.8	83.8	83.8	73.8	1.1	7.0	13.6
<b>Central</b>														
First Nations	175	57	57	57	123	57	55	126	126	126	116	***	6	10
Rate per 100		32.6	32.6	32.6	70.3	32.6	31.4	72.0	72.0	72.0	66.3	N/A	3.4	5.7
Non-First Nations	1,455	959	959	958	1,215	955	889	1,185	1,185	1,185	967	66	61	155
Rate per 100		65.9	65.9	65.8	83.5	65.6	61.1	81.4	81.4	81.4	66.5	4.5	4.2	10.7
All Children	1,630	1,016	1,016	1,015	1,338	1,012	944	1,311	1,311	1,311	1,083	66	67	165
Rate per 100		62.3	62.3	62.3	82.1	62.1	57.9	80.4	80.4	80.4	66.4	4.0	4.1	10.1
<b>Assiniboine</b>														
First Nations	99	57	57	57	80	56	57	78	78	78	74	***	***	***
Rate per 100		57.6	57.6	57.6	80.8	56.6	57.6	78.8	78.8	78.8	74.7	N/A	N/A	N/A
Non-First Nations	718	579	579	579	670	577	542	651	650	650	563	10	29	58
Rate per 100		80.6	80.6	80.6	93.3	80.4	76.3	90.7	90.5	90.5	78.4	1.4	4.0	8.1
All Children	817	636	636	636	750	633	605	729	728	728	637	10	32	61
Rate per 100		77.8	77.8	77.8	91.8	77.5	74.1	89.2	89.1	89.1	78.0	1.2	3.9	7.5

## Report 2 – Complete for Age from Birth to 2009 by Immunogen and Age

### Age 2

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>Parkland</b>														
First Nations Rate per 100	125	93 74.4	93 74.4	93 74.4	116 92.8	93 74.4	88 70.4	114 91.2	114 91.2	114 91.2	106 84.8	*** N/A	5 4.0	12 9.6
Non-First Nations Rate per 100	429	348 81.1	348 81.1	348 81.1	404 94.2	347 80.9	341 79.5	390 90.9	390 90.9	390 90.9	371 86.5	*** N/A	30 7.0	37 8.6
All Children Rate per 100	554	441 79.6	441 79.6	441 79.6	520 93.9	440 79.4	429 77.4	504 91.0	504 91.0	504 91.0	477 86.1	*** N/A	35 6.3	49 8.8
<b>NOR-MAN</b>														
First Nations Rate per 100	231	158 68.4	158 68.4	158 68.4	212 91.8	157 68.0	156 67.5	214 92.6	214 92.6	214 92.6	202 87.4	*** N/A	6 2.6	24 10.4
Non-First Nations Rate per 100	264	200 75.8	200 75.8	200 75.8	247 93.6	199 75.4	197 74.6	240 90.9	240 90.9	240 90.9	229 86.7	*** N/A	12 4.5	66 25.0
All Children Rate per 100	495	358 72.3	358 72.3	358 72.3	459 92.7	356 71.9	353 71.3	454 91.7	454 91.7	454 91.7	431 87.1	*** N/A	18 3.6	90 18.2
<b>Burntwood</b>														
First Nations Rate per 100	936	577 61.6	577 61.6	577 61.6	824 88.0	575 61.4	572 61.1	845 90.3	845 90.3	845 90.3	800 85.5	11 1.2	78 8.3	37 4.0
Non-First Nations Rate per 100	350	269 76.9	269 76.9	269 76.9	327 93.4	267 76.3	264 75.4	324 92.6	324 92.6	324 92.6	305 87.1	13 3.7	19 5.4	54 15.4
All Children Rate per 100	1,286	846 65.8	846 65.8	846 65.8	1,151 89.5	842 65.5	836 65.0	1,169 90.9	1,169 90.9	1,169 90.9	1,105 85.9	24 1.9	97 7.5	91 7.1
<b>Churchill</b>														
First Nations Rate per 100	4	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A
Non-First Nations Rate per 100	12	11 91.7	11 91.7	11 91.7	11 91.7	11 91.7	10 83.3	11 91.7	11 91.7	11 91.7	11 91.7	*** N/A	*** N/A	5 41.7
All Children Rate per 100	16	14 87.5	14 87.5	14 87.5	11 93.5	14 87.5	13 81.3	14 87.5	14 87.5	14 87.5	15 93.8	*** N/A	*** N/A	5 31.3

# Report 2 - Complete for Age from Birth to 2009 by Immunogen and Age

## Age 7

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>MANITOBA</b>														
First Nations	1,965	1,258	1,258	1,254	1,745	1,459	6	1,529	1,918	1,918	535	11	23	90
Rate per 100		64.0	64.0	63.8	88.8	74.2	0.3	77.8	97.6	97.6	27.2	0.6	1.2	4.6
Non-First Nations	12,869	9,410	9,410	9,348	11,055	10,204	466	10,175	11,853	11,853	5,492	833	917	873
Rate per 100		73.1	73.1	72.6	85.9	79.3	3.6	79.1	92.1	92.1	42.7	6.5	7.1	6.8
All Children	14,834	10,668	10,668	10,602	12,800	11,663	472	11,704	13,771	13,771	6,027	844	940	963
Rate per 100		71.9	71.9	71.5	86.3	78.6	3.2	78.9	92.8	92.8	40.6	5.7	6.3	6.5
<b>Winnipeg</b>														
First Nations	474	278	278	276	415	353	***	333	463	463	126	***	***	31
Rate per 100		58.6	58.6	58.2	87.6	74.5	N/A	70.3	97.7	97.7	26.6	N/A	N/A	6.5
Non-First Nations	7,046	4,788	4,787	4,750	5,761	5,289	322	5,190	6,371	6,369	3,166	438	558	543
Rate per 100		68.0	67.9	67.4	81.8	75.1	4.6	73.7	90.4	90.4	44.9	6.2	7.9	7.7
All Children	7,520	5,066	5,065	5,026	6,176	5,642	325	5,523	6,834	6,832	3,292	440	562	574
Rate per 100		67.4	67.4	66.8	82.1	75.0	4.3	73.4	90.9	90.9	43.8	5.9	7.5	7.6
<b>Brandon</b>														
First Nations	51	33	33	33	47	38	***	43	49	49	15	***	***	***
Rate per 100		64.7	64.7	64.7	92.2	74.5	N/A	84.3	96.1	96.1	29.4	N/A	N/A	N/A
Non-First Nations	564	424	424	419	492	449	18	470	525	526	272	21	43	43
Rate per 100		75.2	75.2	74.3	87.2	79.6	3.2	83.3	93.1	93.3	48.2	3.7	7.6	7.6
All Children	615	457	457	452	539	487	18	513	574	575	287	21	44	44
Rate per 100		74.3	74.3	73.5	87.6	79.2	2.9	83.4	93.3	93.5	46.7	3.4	7.2	7.2
<b>North Eastman</b>														
First Nations	146	82	82	82	125	101	***	104	138	138	38	***	***	12
Rate per 100		56.2	56.2	56.2	85.6	69.2	N/A	71.2	94.5	94.5	26.0	N/A	N/A	8.2
Non-First Nations	377	317	317	316	363	334	9	345	374	374	154	23	24	22
Rate per 100		84.1	84.1	83.8	96.3	88.6	2.4	91.5	99.2	99.2	40.8	6.1	6.4	5.8
All Children	523	399	399	398	488	435	10	449	512	512	192	23	24	34
Rate per 100		76.3	76.3	76.1	93.3	83.2	1.9	85.9	97.9	97.9	36.7	4.4	4.6	6.5
<b>South Eastman</b>														
First Nations	8	9	9	9	11	9	***	11	11	11	5	***	***	***
Rate per 100		112.5	112.5	112.5	137.5	112.5	N/A	137.5	137.5	137.5	62.5	N/A	N/A	N/A
Non-First Nations	1,046	890	890	885	977	919	34	942	1,006	1,006	399	122	82	39
Rate per 100		85.1	85.1	84.6	93.4	87.9	3.3	90.1	96.2	96.2	38.1	11.7	7.8	3.7
All Children	1,054	899	899	894	988	928	34	953	1,017	1,017	404	122	82	39
Rate per 100		85.3	85.3	84.8	93.7	88.0	3.2	90.4	96.5	96.5	38.3	11.6	7.8	3.7
<b>Interlake</b>														
First Nations	128	90	90	90	109	97	***	104	126	126	28	***	9	5
Rate per 100		70.3	70.3	70.3	85.2	75.8	N/A	81.3	98.4	98.4	21.9	N/A	7.0	3.9
Non-First Nations	788	564	564	561	684	629	21	615	716	716	328	20	44	55
Rate per 100		71.6	71.6	71.2	86.8	79.8	2.7	78.0	90.9	90.9	41.6	2.5	5.6	7.0
All Children	916	654	654	651	793	726	21	719	842	842	356	21	53	60
Rate per 100		71.4	71.4	71.1	86.6	79.3	2.3	78.5	91.9	91.9	38.9	2.3	5.8	6.6
<b>Central</b>														
First Nations	145	97	97	96	133	115	***	119	140	140	52	***	***	***
Rate per 100		66.9	66.9	66.2	91.7	79.3	N/A	82.1	96.6	96.6	35.9	N/A	N/A	N/A
Non-First Nations	1,459	1,111	1,112	1,103	1,293	1,186	34	1,203	1,334	1,335	460	150	79	57
Rate per 100		76.1	76.2	75.6	88.6	81.3	2.3	82.5	91.4	91.5	31.5	10.3	5.4	3.9
All Children	1,604	1,208	1,209	1,199	1,426	1,301	35	1,322	1,474	1,475	512	152	80	59
Rate per 100		75.3	75.4	74.8	88.9	81.1	2.2	82.4	91.9	92.0	31.9	9.5	5.0	3.7
<b>Assiniboine</b>														
First Nations	79	61	61	61	74	68	***	66	77	77	24	***	***	***
Rate per 100		77.2	77.2	77.2	93.7	86.1	N/A	83.5	97.5	97.5	30.4	N/A	N/A	N/A
Non-First Nations	675	546	546	545	606	576	17	583	623	623	289	24	45	32
Rate per 100		80.9	80.9	80.7	89.8	85.3	2.5	86.4	92.3	92.3	42.8	3.6	6.7	4.7
All Children	754	607	607	606	680	644	17	649	700	700	313	24	46	34
Rate per 100		80.5	80.5	80.4	90.2	85.4	2.3	86.1	92.8	92.8	41.5	3.2	6.1	4.5



# Report 2 – Complete for Age from Birth to 2009 by Immunogen and Age

## Age 7

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>Parkland</b>														
First Nations	87	70	70	70	85	75	***	78	90	90	47	***	***	***
Rate per 100		80.5	80.5	80.5	97.7	86.2	N/A	89.7	103.4	103.4	54.0	N/A	N/A	N/A
Non-First Nations	417	363	363	363	402	383	7	383	415	415	186	20	25	25
Rate per 100		87.1	87.1	87.1	96.4	91.8	1.7	91.8	99.5	99.5	44.6	4.8	6.0	6.0
All Children	504	433	433	433	487	458	7	461	505	505	233	20	26	27
Rate per 100		85.9	85.9	85.9	96.6	90.9	1.4	91.5	100.2	100.2	46.2	4.0	5.2	5.4
<b>NOR-MAN</b>														
First Nations	169	137	137	137	167	145	***	158	173	173	50	***	***	13
Rate per 100		81.1	81.1	81.1	98.8	85.8	N/A	93.5	102.4	102.4	29.6	N/A	N/A	7.7
Non-First Nations	237	207	207	206	223	216	***	213	227	227	121	6	11	23
Rate per 100		87.3	87.3	86.9	94.1	91.1	N/A	89.9	95.8	95.8	51.1	2.5	4.6	9.7
All Children	406	344	344	343	390	361	***	371	400	400	171	7	15	36
Rate per 100		84.7	84.7	84.5	96.1	88.9	N/A	91.4	98.5	98.5	42.1	1.7	3.7	8.9
<b>Burntwood</b>														
First Nations	675	398	398	397	576	455	***	510	648	648	147	5	***	20
Rate per 100		59.0	59.0	58.8	85.3	67.4	N/A	75.6	96.0	96.0	21.8	0.7	N/A	3.0
Non-First Nations	251	189	189	189	243	212	***	220	251	251	106	8	6	32
Rate per 100		75.3	75.3	75.3	96.8	84.5	N/A	87.6	100.0	100.0	42.2	3.2	2.4	12.7
All Children	926	587	587	586	819	667	***	730	899	899	253	13	8	52
Rate per 100		63.4	63.4	63.3	88.4	72.0	N/A	78.8	97.1	97.1	27.3	1.4	0.9	5.6
<b>Churchill</b>														
First Nations	3	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	9	11	11	11	11	11	***	11	11	11	11	***	***	***
Rate per 100		122.2	122.2	122.2	122.2	122.2	N/A	122.2	122.2	122.2	122.2	N/A	N/A	N/A
All Children	12	14	14	14	14	14	***	14	14	14	14	***	***	***
Rate per 100		116.7	116.7	116.7	116.7	116.7	N/A	116.7	116.7	116.7	116.7	N/A	N/A	N/A

# Report 2 - Complete for Age from Birth to 2009 by Immunogen and Age

## Age 11

	Pop	Diphth	Tet	Port	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>MANITOBA</b>														
First Nations	1,865	1,106	1,106	1,093	1,547	1,273	***	1,383	1,796	1,796	290	986	1,313	96
Rate per 100		59.3	59.3	58.6	82.9	68.3	N/A	74.2	96.3	96.3	15.5	52.9	70.4	5.1
Non-First Nations	13,682	9,851	9,853	9,480	11,363	10,473	***	10,678	12,265	12,269	2,733	10,474	10,945	667
Rate per 100		72.0	72.0	69.3	83.1	76.5	N/A	78.0	89.6	89.7	20.0	76.6	80.0	4.9
All Children	15,547	10,957	10,959	10,573	12,910	11,746	***	12,061	14,061	14,065	3,023	11,460	12,258	763
Rate per 100		70.5	70.5	68.0	83.0	75.6	N/A	77.6	90.4	90.5	19.4	73.7	78.8	4.9
<b>Winnipeg</b>														
First Nations	436	253	253	243	363	296	***	312	415	415	57	244	284	26
Rate per 100		58.0	58.0	55.7	83.3	67.9	N/A	71.6	95.2	95.2	13.1	56.0	65.1	6.0
Non-First Nations	7,447	4,852	4,853	4,612	5,826	5,365	***	5,257	6,438	6,440	1,629	5,585	5,872	420
Rate per 100		65.2	65.2	61.9	78.2	72.0	N/A	70.6	86.5	86.5	21.9	75.0	78.9	5.6
All Children	7,883	5,105	5,106	4,855	6,189	5,661	***	5,569	6,853	6,855	1,686	5,829	6,156	446
Rate per 100		64.8	64.8	61.6	78.5	71.8	N/A	70.6	86.9	87.0	21.4	73.9	78.1	5.7
<b>Brandon</b>														
First Nations	42	31	31	31	39	33	***	36	40	40	9	19	25	***
Rate per 100		73.8	73.8	73.8	92.9	78.6	N/A	85.7	95.2	95.2	21.4	45.2	59.5	N/A
Non-First Nations	540	396	396	393	449	410	***	433	486	486	129	424	454	29
Rate per 100		73.3	73.3	72.8	83.1	75.9	N/A	80.2	90.0	90.0	23.9	78.5	84.1	5.4
All Children	582	427	427	424	488	443	***	469	526	526	138	443	479	32
Rate per 100		73.4	73.4	72.9	83.8	76.1	N/A	80.6	90.4	90.4	23.7	76.1	82.3	5.5
<b>North Eastman</b>														
First Nations	155	81	81	81	123	102	***	102	149	149	16	79	91	17
Rate per 100		52.3	52.3	52.3	79.4	65.8	N/A	65.8	96.1	96.1	10.3	51.0	58.7	11.0
Non-First Nations	427	347	347	337	386	359	***	372	400	400	76	337	342	16
Rate per 100		81.3	81.3	78.9	90.4	84.1	N/A	87.1	93.7	93.7	17.8	78.9	80.1	3.7
All Children	582	428	428	418	509	461	***	474	549	549	92	416	433	33
Rate per 100		73.5	73.5	71.8	87.5	79.2	N/A	81.4	94.3	94.3	15.8	71.5	74.4	5.7
<b>South Eastman</b>														
First Nations	5	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	1,094	895	895	852	974	885	***	985	1,025	1,027	131	871	861	35
Rate per 100		81.8	81.8	77.9	89.0	80.9	N/A	90.0	93.7	93.9	12.0	79.6	78.7	3.2
All Children	1,099	898	898	855	978	889	***	989	1,029	1,031	131	874	864	35
Rate per 100		81.7	81.7	77.8	89.0	80.9	N/A	90.0	93.6	93.8	11.9	79.5	78.6	3.2
<b>Interlake</b>														
First Nations	132	86	86	85	123	109	***	98	130	130	18	54	80	7
Rate per 100		65.2	65.2	64.4	93.2	82.6	N/A	74.2	98.5	98.5	13.6	40.9	60.6	5.3
Non-First Nations	858	635	635	617	720	682	***	668	759	759	152	651	667	25
Rate per 100		74.0	74.0	71.9	83.9	79.5	N/A	77.9	88.5	88.5	17.7	75.9	77.7	2.9
All Children	990	721	721	702	843	791	***	766	889	889	170	705	747	32
Rate per 100		72.8	72.8	70.9	85.2	79.9	N/A	77.4	89.8	89.8	17.2	71.2	75.5	3.2
<b>Central</b>														
First Nations	118	48	48	48	80	52	***	95	115	115	23	39	66	***
Rate per 100		40.7	40.7	40.7	67.8	44.1	N/A	80.5	97.5	97.5	19.5	33.1	55.9	N/A
Non-First Nations	1,499	1,210	1,211	1,165	1,331	1,205	***	1,331	1,419	1,419	243	1,143	1,176	39
Rate per 100		80.7	80.8	77.7	88.8	80.4	N/A	88.8	94.7	94.7	16.2	76.3	78.5	2.6
All Children	1,617	1,258	1,259	1,213	1,411	1,257	***	1,426	1,534	1,534	266	1,182	1,242	40
Rate per 100		77.8	77.9	75.0	87.3	77.7	N/A	88.2	94.9	94.9	16.5	73.1	76.8	2.5
<b>Assiniboine</b>														
First Nations	68	36	36	36	58	47	***	47	67	67	***	38	51	7
Rate per 100		52.9	52.9	52.9	85.3	69.1	N/A	69.1	98.5	98.5	N/A	55.9	75.0	10.3
Non-First Nations	780	655	655	648	711	672	***	700	740	740	152	636	669	32
Rate per 100		84.0	84.0	83.1	91.2	86.2	N/A	89.7	94.9	94.9	19.5	81.5	85.8	4.1
All Children	848	691	691	684	769	719	***	747	807	807	156	674	720	39
Rate per 100		81.5	81.5	80.7	90.7	84.8	N/A	88.1	95.2	95.2	18.4	79.5	84.9	4.6

## Report 2 – Complete for Age from Birth to 2009 by Immunogen and Age

### Age 11

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>Parkland</b>														
First Nations Rate per 100	85	76 89.4	76 89.4	76 89.4	85 100.0	78 91.8	*** N/A	81 95.3	86 101.2	86 101.2	24 28.2	56 65.9	70 82.4	5 5.9
Non-First Nations Rate per 100	470	408 66.8	408 66.8	405 66.2	447 95.1	417 88.7	*** N/A	439 93.4	453 96.4	453 96.4	99 21.1	392 83.4	414 88.1	18 3.8
All Children Rate per 100	555	484 87.2	484 87.2	481 86.7	532 95.9	495 89.2	*** N/A	520 93.7	539 97.1	539 97.1	123 22.2	448 80.7	484 87.2	23 4.1
<b>WOR-MAN</b>														
First Nations Rate per 100	171	134 78.4	134 78.4	134 78.4	161 94.2	145 84.8	*** N/A	152 88.9	172 100.6	172 100.6	23 13.5	99 57.9	138 80.7	7 4.1
Non-First Nations Rate per 100	258	216 83.7	216 83.7	215 83.3	239 92.6	224 86.8	*** N/A	231 89.5	249 96.5	249 96.5	51 19.8	207 80.2	233 90.3	18 7.0
All Children Rate per 100	429	350 81.6	350 81.6	349 81.4	400 93.2	369 86.0	*** N/A	383 89.3	421 98.1	421 98.1	74 17.2	306 71.3	371 86.5	25 5.8
<b>Burntwood</b>														
First Nations Rate per 100	652	357 54.8	357 54.8	355 54.4	510 78.2	406 62.3	*** N/A	455 69.8	617 94.6	617 94.6	116 17.8	355 54.4	504 77.3	23 3.5
Non-First Nations Rate per 100	298	230 77.2	230 77.2	229 76.8	273 91.6	247 82.9	*** N/A	255 85.6	289 97.0	289 97.0	68 22.8	220 73.8	250 83.9	33 11.1
All Children Rate per 100	950	587 61.8	587 61.8	584 61.5	783 82.4	653 68.7	*** N/A	710 74.7	906 95.4	906 95.4	184 19.4	575 60.5	754 79.4	56 5.9
<b>Churchill</b>														
First Nations Rate per 100	1	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A
Non-First Nations Rate per 100	11	7 63.6	7 63.6	7 63.6	7 63.6	7 63.6	*** N/A	7 63.6	7 63.6	7 63.6	*** N/A	8 72.7	7 63.6	*** N/A
All Children Rate per 100	12	8 66.7	8 66.7	8 66.7	8 66.7	8 66.7	*** N/A	8 66.7	8 66.7	8 66.7	*** N/A	8 66.7	8 66.7	*** N/A



# Report 2 – Complete for Age from Birth to 2009 by Immunogen and Age

## Age 17

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>MANITOBA</b>														
First Nations Rate per 100	1,995	845 42.4	844 42.3	752 37.7	1,339 67.1	1,028 51.5	*** N/A	1,433 71.8	1,912 95.8	1,913 95.9	11 0.6	1,216 61.0	36 1.8	76 3.8
Non-First Nations Rate per 100	15,211	10,227 67.2	10,234 67.3	9,269 60.9	12,570 82.6	9,895 65.1	*** N/A	12,803 84.2	13,744 90.4	13,742 90.3	124 0.8	11,541 75.9	356 2.3	505 3.3
All Children Rate per 100	17,206	11,072 64.3	11,078 64.4	10,021 58.2	13,909 80.8	10,923 63.5	*** N/A	14,236 82.7	15,656 91.0	15,655 91.0	135 0.8	12,757 74.1	392 2.3	581 3.4
<b>Winnipeg</b>														
First Nations Rate per 100	500	217 43.4	217 43.4	170 34.0	398 79.6	290 58.0	*** N/A	409 81.8	497 99.4	497 99.4	*** N/A	318 63.6	8 1.6	20 4.0
Non-First Nations Rate per 100	8,574	5,255 61.3	5,259 61.3	4,712 55.0	6,831 79.7	5,336 62.2	*** N/A	6,831 79.7	7,437 86.7	7,435 86.7	88 1.0	6,231 72.7	233 2.7	283 3.3
All Children Rate per 100	9,074	5,472 60.3	5,476 60.3	4,882 53.8	7,229 79.7	5,626 62.0	*** N/A	7,240 79.8	7,934 87.4	7,932 87.4	89 1.0	6,549 72.2	241 2.7	303 3.3
<b>Brandon</b>														
First Nations Rate per 100	36	20 55.6	20 55.6	18 50.0	27 75.0	22 61.1	*** N/A	31 86.1	38 105.6	38 105.6	*** N/A	29 80.6	*** N/A	*** N/A
Non-First Nations Rate per 100	580	420 72.4	420 72.4	404 69.7	457 78.8	412 71.0	*** N/A	495 85.3	529 91.2	530 91.4	*** N/A	451 77.8	6 1.0	22 3.8
All Children Rate per 100	616	440 71.4	440 71.4	422 68.5	484 78.6	434 70.5	*** N/A	526 85.4	567 92.0	568 92.2	*** N/A	480 77.9	6 1.0	23 3.7
<b>North Eastman</b>														
First Nations Rate per 100	151	55 36.4	58 38.4	52 34.4	98 64.9	67 44.4	*** N/A	112 74.2	141 93.4	141 93.4	*** N/A	81 53.6	*** N/A	*** N/A
Non-First Nations Rate per 100	511	370 72.4	370 72.4	333 65.2	460 90.0	349 68.3	*** N/A	472 92.4	491 96.1	491 96.1	*** N/A	384 75.1	13 2.5	16 3.1
All Children Rate per 100	662	425 64.2	428 64.7	385 58.2	558 84.3	416 62.8	*** N/A	584 88.2	632 95.5	632 95.5	*** N/A	465 70.2	17 2.6	20 3.0
<b>South Eastman</b>														
First Nations Rate per 100	5	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A	*** N/A
Non-First Nations Rate per 100	1,088	805 74.0	805 74.0	707 65.0	972 89.3	708 65.1	*** N/A	1,006 92.5	1,053 96.8	1,054 96.9	7 0.6	833 76.6	27 2.5	25 2.3
All Children Rate per 100	1,093	808 73.9	808 73.9	709 64.9	976 89.3	711 65.1	*** N/A	1,009 92.3	1,057 96.7	1,058 96.8	7 0.6	835 76.4	27 2.5	25 2.3
<b>Interlake</b>														
First Nations Rate per 100	164	66 40.2	66 40.2	63 38.4	116 70.7	102 62.2	*** N/A	113 68.9	161 98.2	161 98.2	*** N/A	96 58.5	5 3.0	*** N/A
Non-First Nations Rate per 100	1,003	715 71.3	715 71.3	640 63.8	831 82.9	657 65.5	*** N/A	837 83.4	907 90.4	907 90.4	12 1.2	782 78.0	16 1.6	38 3.8
All Children Rate per 100	1,167	781 66.9	781 66.9	703 60.2	947 81.1	759 65.0	*** N/A	950 81.4	1,068 91.5	1,068 91.5	14 1.2	878 75.2	21 1.8	41 3.5
<b>Central</b>														
First Nations Rate per 100	135	39 28.9	39 28.9	33 24.4	69 51.1	69 51.1	*** N/A	106 78.5	127 94.1	127 94.1	*** N/A	59 43.7	8 5.9	5 3.7
Non-First Nations Rate per 100	1,603	1,236 77.1	1,238 77.2	1,124 70.1	1,411 88.0	1,121 69.9	*** N/A	1,489 92.9	1,564 97.6	1,563 97.5	8 0.5	1,294 80.7	25 1.6	40 2.5
All Children Rate per 100	1,738	1,275 73.4	1,277 73.5	1,157 66.6	1,480 85.2	1,190 68.5	*** N/A	1,595 91.8	1,691 97.3	1,690 97.2	8 0.5	1,353 77.8	33 1.9	45 2.6
<b>Assiniboine</b>														
First Nations Rate per 100	96	37 38.5	37 38.5	33 34.4	63 65.6	69 71.9	*** N/A	67 69.8	92 95.8	92 95.8	*** N/A	75 78.1	*** N/A	6 6.3
Non-First Nations Rate per 100	865	694 80.2	694 80.2	656 75.8	747 86.4	641 74.1	*** N/A	771 89.1	800 92.5	800 92.5	*** N/A	718 83.0	19 2.2	30 3.5
All Children Rate per 100	961	731 76.1	731 76.1	689 71.7	810 84.3	710 73.9	*** N/A	838 87.2	892 92.8	892 92.8	*** N/A	793 82.5	21 2.2	36 3.7

## Report 2 – Complete for Age from Birth to 2009 by Immunogen and Age

### Age 17

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Inf
<b>Parkland</b>														
First Nations	111	74	74	72	93	65	***	106	113	113	***	104	***	6
Rate per 100		66.7	66.7	64.9	83.8	58.6	N/A	95.5	101.8	101.8	N/A	93.7	N/A	5.4
Non-First Nations	472	382	383	361	427	349	***	448	465	464	***	411	***	17
Rate per 100		80.9	81.1	76.5	90.5	73.9	N/A	94.9	98.5	98.3	N/A	87.1	N/A	3.6
All Children	583	456	457	433	520	414	***	554	578	577	***	515	***	23
Rate per 100		78.2	78.4	74.3	89.2	71.0	N/A	95.0	99.1	99.0	N/A	88.3	N/A	3.9
<b>NOR-MAN</b>														
First Nations	129	63	63	60	98	78	***	108	123	123	***	97	***	13
Rate per 100		48.8	48.8	46.5	76.0	60.5	N/A	83.7	95.3	95.3	N/A	75.2	N/A	10.1
Non-First Nations	253	177	177	172	218	172	***	233	249	249	***	230	***	14
Rate per 100		70.0	70.0	68.0	86.2	68.0	N/A	92.1	98.4	98.4	N/A	90.9	N/A	5.5
All Children	382	240	240	232	316	250	***	341	372	372	***	327	6	27
Rate per 100		62.8	62.8	60.7	82.7	65.4	N/A	89.3	97.4	97.4	N/A	85.6	1.6	7.1
<b>Burntwood</b>														
First Nations	664	269	265	247	371	260	***	375	612	613	***	352	7	18
Rate per 100		40.5	39.9	37.2	55.9	39.2	N/A	56.5	92.2	92.3	N/A	53.0	1.1	2.7
Non-First Nations	252	165	165	153	207	144	***	214	239	239	***	199	9	20
Rate per 100		65.5	65.5	60.7	82.1	57.1	N/A	84.9	94.8	94.8	N/A	79.0	3.6	7.9
All Children	916	434	430	400	578	404	***	589	851	852	5	551	16	38
Rate per 100		47.4	46.9	43.7	63.1	44.1	N/A	64.3	92.9	93.0	0.5	60.2	1.7	4.1
<b>Churchill</b>														
First Nations	4	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	10	8	8	7	9	6	***	7	10	10	***	8	***	***
Rate per 100		80.0	80.0	70.0	90.0	60.0	N/A	70.0	100.0	100.0	N/A	80.0	N/A	N/A
All Children	14	10	10	9	11	9	***	10	14	14	***	11	***	***
Rate per 100		71.4	71.4	64.3	78.6	64.3	N/A	71.4	100.0	100.0	N/A	78.6	N/A	N/A

# Report 3 – Complete for Age from Birth to 2009 for all Immunogens by Region of Residence

For all residents, continuous residents and non-continuous residents

Age		All Residents			Continuous Residents			Non-Continuous Residents		
		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
MANITOBA										
1	First Nations	2,673	1,687	63.1	2,659	1,683	63.3	14	***	N/A
	Non-First Nations	13,022	10,315	79.2	12,438	10,077	81.0	584	238	40.8
	All 1 Year Olds	15,695	12,002	76.5	15,097	11,760	77.9	598	242	40.5
2	First Nations	2,575	1,332	51.7	2,561	1,329	51.9	14	***	N/A
	Non-First Nations	13,177	8,433	64.0	12,075	8,165	67.6	1,102	268	24.3
	All 2 Year Olds	15,752	9,765	62.0	14,636	9,494	64.9	1,116	271	24.3
7	First Nations	1,965	1,183	60.2	1,911	1,156	60.5	54	27	50.0
	Non-First Nations	12,869	8,950	69.5	10,348	8,083	78.1	2,521	867	34.4
	All 7 Year Olds	14,834	10,133	68.3	12,259	9,239	75.4	2,575	894	34.7
11	First Nations	1,865	576	30.9	1,777	558	31.4	88	18	20.5
	Non-First Nations	13,682	7,535	55.1	10,516	6,842	65.1	3,166	693	21.9
	All 11 Year Olds	15,547	8,111	52.2	12,293	7,400	60.2	3,254	711	21.9
17	First Nations	1,995	415	20.8	1,836	391	21.3	159	24	15.1
	Non-First Nations	15,211	7,939	52.2	11,255	7,048	62.6	3,956	891	22.5
	All 17 Year Olds	17,206	8,354	48.6	13,091	7,439	56.8	4,115	915	22.2
Winnipeg										
1	First Nations	596	372	62.4	591	371	62.8	5	***	N/A
	Non-First Nations	7,141	5,677	79.5	6,826	5,605	82.1	315	72	22.9
	All 1 Year Olds	7,737	6,049	78.2	7,417	5,976	80.6	320	73	22.8
2	First Nations	627	311	49.6	620	311	50.2	7	***	N/A
	Non-First Nations	7,124	4,648	65.2	6,530	4,559	69.8	594	89	15.0
	All 2 Year Olds	7,751	4,959	64.0	7,150	4,870	68.1	601	89	14.8
7	First Nations	474	251	53.0	459	248	54.0	15	***	N/A
	Non-First Nations	7,046	4,482	63.6	5,592	4,213	75.3	1,454	269	18.5
	All 7 Year Olds	7,520	4,733	62.9	6,051	4,461	73.7	1,469	272	18.5
11	First Nations	436	133	30.5	407	128	31.4	29	5	17.2
	Non-First Nations	7,447	3,569	47.9	5,633	3,377	60.0	1,814	192	10.6
	All 11 Year Olds	7,883	3,702	47.0	6,040	3,505	58.0	1,843	197	10.7
17	First Nations	500	104	20.8	441	98	22.2	59	6	10.2
	Non-First Nations	8,574	4,033	47.0	6,217	3,623	58.3	2,357	410	17.4
	All 17 Year Olds	9,074	4,137	45.6	6,658	3,721	55.9	2,416	416	17.2
Brandon										
1	First Nations	65	46	70.8	65	46	70.8	0	***	N/A
	Non-First Nations	604	504	83.4	560	480	85.7	44	24	54.5
	All 1 Year Olds	669	550	82.2	625	526	84.2	44	24	54.5
2	First Nations	58	23	39.7	57	23	40.4	1	***	N/A
	Non-First Nations	666	416	62.5	592	397	67.1	74	19	25.7
	All 2 Year Olds	724	439	60.6	649	420	64.7	75	19	25.3
7	First Nations	51	32	62.7	48	31	64.6	3	***	N/A
	Non-First Nations	564	404	71.6	425	351	82.6	139	53	38.1
	All 7 Year Olds	615	436	70.9	473	382	80.8	142	54	38.0
11	First Nations	42	16	38.1	40	14	35.0	2	***	N/A
	Non-First Nations	540	338	62.6	379	294	77.6	161	44	27.3
	All 11 Year Olds	582	354	60.8	419	308	73.5	163	46	28.2
17	First Nations	36	11	30.6	29	11	37.9	7	***	N/A
	Non-First Nations	580	348	60.0	393	296	75.3	187	52	27.8
	All 17 Year Olds	616	359	58.3	422	307	72.7	194	52	26.8



# Report 3 – Complete for Age from Birth to 2009 for all Immunogens by Region of Residence

For all residents, continuous residents and non-continuous residents

		All Residents			Continuous Residents			Non-Continuous Residents		
Age		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
North Eastman										
1	First Nations	196	117	59.7	195	117	60.0	1	***	N/A
	Non-First Nations	317	257	81.1	304	251	82.6	13	6	46.2
	All 1 Year Olds	513	374	72.9	499	368	73.7	14	6	42.1
2	First Nations	156	70	44.9	156	70	44.9	0	***	N/A
	Non-First Nations	365	222	60.8	344	215	62.5	21	7	33.3
	All 2 Year Olds	521	292	56.0	500	285	57.0	21	7	33.3
7	First Nations	146	74	50.7	143	73	51.0	3	***	N/A
	Non-First Nations	377	309	82.0	332	279	84.0	45	30	66.7
	All 7 Year Olds	523	383	73.2	475	352	74.1	48	31	64.6
11	First Nations	155	41	26.5	150	40	26.7	5	***	N/A
	Non-First Nations	427	271	63.5	360	247	68.6	67	24	35.8
	All 11 Year Olds	582	312	53.6	510	287	56.3	72	25	34.7
17	First Nations	151	31	20.5	141	29	20.6	10	***	N/A
	Non-First Nations	511	276	54.0	418	244	58.4	93	32	34.4
	All 17 Year Olds	662	307	46.4	559	273	48.8	103	34	33.0
South Eastman										
1	First Nations	7	7	100.0	7	7	100.0	0	***	N/A
	Non-First Nations	1,100	902	82.0	1,063	877	82.5	37	25	67.6
	All 1 Year Olds	1,107	909	82.1	1,070	884	82.6	37	25	67.6
2	First Nations	8	7	87.5	8	7	87.5	0	***	N/A
	Non-First Nations	1,040	658	63.3	963	637	66.1	77	21	27.3
	All 2 Year Olds	1,048	665	63.5	971	644	66.3	77	21	27.3
7	First Nations	8	9	112.5	8	8	100.0	0	***	N/A
	Non-First Nations	1,046	863	82.5	792	695	87.8	254	168	66.1
	All 7 Year Olds	1,054	872	82.7	800	703	87.9	254	169	66.5
11	First Nations	5	***	N/A	4	***	N/A	1	***	N/A
	Non-First Nations	1,094	693	63.3	793	570	71.9	301	123	40.9
	All 11 Year Olds	1,099	695	63.2	797	571	71.6	302	124	41.1
17	First Nations	5	***	N/A	5	***	N/A	0	***	N/A
	Non-First Nations	1,088	594	54.6	763	507	66.4	325	87	26.8
	All 17 Year Olds	1,093	595	54.4	768	508	66.1	325	87	26.8
Interlake										
1	First Nations	164	104	63.4	164	104	63.4	0	***	N/A
	Non-First Nations	701	557	79.5	689	553	80.3	12	***	N/A
	All 1 Year Olds	865	661	76.4	853	657	77.0	12	***	N/A
2	First Nations	156	53	34.0	156	53	34.0	0	***	N/A
	Non-First Nations	754	474	62.9	713	465	65.2	41	9	22.0
	All 2 Year Olds	910	527	57.9	869	518	59.6	41	9	22.0
7	First Nations	128	87	68.0	126	86	68.3	2	***	N/A
	Non-First Nations	788	536	68.0	695	506	72.8	93	30	32.3
	All 7 Year Olds	916	623	68.0	821	592	72.1	95	31	32.6
11	First Nations	132	30	22.7	127	30	23.6	5	***	N/A
	Non-First Nations	858	491	57.2	743	465	62.6	115	26	22.6
	All 11 Year Olds	990	521	52.6	870	495	56.9	120	26	21.7
17	First Nations	164	31	18.9	154	29	18.8	10	***	N/A
	Non-First Nations	1,003	536	53.4	835	503	60.2	168	33	19.6
	All 17 Year Olds	1,167	567	48.6	989	532	53.8	178	35	19.7

## Report 3 – Complete for Age from Birth to 2009 for all Immunogens by Region of Residence

For all residents, continuous residents and non-continuous residents

		All Residents			Continuous Residents			Non-Continuous Residents		
Age		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
Central										
1	First Nations	194	86	44.3	193	86	44.6	1	***	N/A
	Non-First Nations	1,514	1,068	70.5	1,435	1,031	71.8	79	37	46.8
	All 1 Year Olds	1,708	1,154	67.6	1,628	1,117	68.6	80	37	46.3
2	First Nations	175	51	29.1	174	51	29.3	1	***	N/A
	Non-First Nations	1,455	751	51.6	1,298	709	54.6	157	42	26.8
	All 2 Year Olds	1,630	802	49.2	1,472	760	51.6	158	42	26.6
7	First Nations	145	95	65.5	142	93	65.5	3	***	N/A
	Non-First Nations	1,459	1,062	72.8	1,164	904	77.7	295	158	53.6
	All 7 Year Olds	1,604	1,157	72.1	1,306	997	76.3	298	160	53.7
11	First Nations	118	21	17.8	115	20	17.4	3	***	N/A
	Non-First Nations	1,499	920	61.4	1,124	783	69.7	375	137	36.5
	All 11 Year Olds	1,617	941	58.2	1,239	803	64.8	378	138	36.5
17	First Nations	135	19	14.1	126	18	14.3	9	***	N/A
	Non-First Nations	1,603	975	60.8	1,168	835	71.5	435	140	32.2
	All 17 Year Olds	1,738	994	57.2	1,294	853	65.9	444	141	31.8
Assiniboine										
1	First Nations	108	72	66.7	107	72	67.3	1	***	N/A
	Non-First Nations	658	535	81.3	620	507	81.8	38	28	73.7
	All 1 Year Olds	766	607	79.2	727	579	79.6	39	28	71.8
2	First Nations	99	52	52.5	97	50	51.5	2	***	N/A
	Non-First Nations	718	492	68.5	659	456	69.2	59	36	61.0
	All 2 Year Olds	817	544	66.6	756	506	66.9	61	38	62.3
7	First Nations	79	60	75.9	70	55	78.6	9	5	55.6
	Non-First Nations	675	537	79.6	550	461	83.8	125	76	60.8
	All 7 Year Olds	754	597	79.2	620	516	83.2	134	81	60.4
11	First Nations	68	17	25.0	56	15	26.8	12	***	N/A
	Non-First Nations	780	553	70.9	649	501	77.2	131	52	39.7
	All 11 Year Olds	848	570	67.2	705	516	73.2	143	54	37.8
17	First Nations	96	24	25.0	73	19	26.0	23	5	21.7
	Non-First Nations	865	581	67.2	704	535	76.0	161	46	28.2
	All 17 Year Olds	961	605	63.0	777	554	71.3	184	51	27.7
Parkland										
1	First Nations	155	111	71.6	151	109	72.2	4	***	N/A
	Non-First Nations	404	346	85.6	386	328	85.0	18	18	100.0
	All 1 Year Olds	559	457	81.8	537	437	81.4	22	20	90.9
2	First Nations	125	81	64.8	125	81	64.8	0	***	N/A
	Non-First Nations	429	322	75.1	397	304	76.6	32	18	56.3
	All 2 Year Olds	554	403	72.7	522	385	73.8	32	18	56.3
7	First Nations	87	67	77.0	86	66	76.7	1	***	N/A
	Non-First Nations	417	357	85.6	368	319	86.7	49	38	77.6
	All 7 Year Olds	504	424	84.1	454	385	84.8	50	39	78.0
11	First Nations	85	47	55.3	79	45	57.0	6	***	N/A
	Non-First Nations	470	346	73.6	373	298	79.9	97	48	49.5
	All 11 Year Olds	555	393	70.8	452	343	75.9	103	50	48.5
17	First Nations	111	63	56.8	98	59	60.2	13	***	N/A
	Non-First Nations	472	318	67.4	371	272	73.3	101	46	45.5
	All 17 Year Olds	583	381	65.4	469	331	70.6	114	50	43.9

## Report 3 – Complete for Age from Birth to 2009 for all Immunogens by Region of Residence

For all residents, continuous residents and non-continuous residents

		All Residents			Continuous Residents			Non-Continuous Residents		
Age		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
NOR-MAN										
1	First Nations	226	160	70.8	226	160	70.8	0	***	N/A
	Non-First Nations	210	180	85.7	198	170	85.9	12	10	83.3
	All 1 Year Olds	436	340	78.0	424	330	77.8	12	10	83.3
2	First Nations	231	148	64.1	230	147	63.9	1	***	N/A
	Non-First Nations	264	188	71.2	244	176	72.1	20	12	60.0
	All 2 Year Olds	495	336	67.9	474	323	68.1	21	13	61.9
7	First Nations	169	133	78.7	160	126	78.8	9	7	77.8
	Non-First Nations	237	203	85.7	202	176	87.1	35	27	77.1
	All 7 Year Olds	406	336	82.8	362	302	83.4	44	34	77.3
11	First Nations	171	76	44.4	160	74	46.3	11	***	N/A
	Non-First Nations	258	184	71.3	203	153	75.4	55	31	56.4
	All 11 Year Olds	429	260	60.6	363	227	62.5	66	33	50.0
17	First Nations	129	45	34.9	115	42	36.5	14	***	N/A
	Non-First Nations	253	152	60.1	177	122	68.9	76	30	39.5
	All 17 Year Olds	382	197	51.6	292	164	56.2	90	33	36.7
Burntwood										
1	First Nations	962	612	63.6	960	611	63.6	2	***	N/A
	Non-First Nations	358	275	76.8	342	261	76.3	16	14	87.5
	All 1 Year Olds	1,320	887	67.2	1,302	872	67.0	18	15	83.3
2	First Nations	936	534	57.1	934	534	57.2	2	***	N/A
	Non-First Nations	350	252	72.0	324	238	73.5	26	14	53.8
	All 2 Year Olds	1,286	786	61.1	1,258	772	61.4	28	14	50.0
7	First Nations	675	372	55.1	666	367	55.1	9	5	55.6
	Non-First Nations	251	186	74.1	220	169	76.8	31	17	54.8
	All 7 Year Olds	926	558	60.3	886	536	60.5	40	22	55.0
11	First Nations	652	193	29.6	638	191	29.9	14	***	N/A
	Non-First Nations	298	164	55.0	252	148	58.7	46	16	34.8
	All 11 Year Olds	950	357	37.6	890	339	38.1	60	18	30.0
17	First Nations	664	85	12.8	650	84	12.9	14	***	N/A
	Non-First Nations	252	121	48.0	201	106	52.7	51	15	29.4
	All 17 Year Olds	916	206	22.5	851	190	22.3	65	16	24.6
Churchill										
1	First Nations	***	***	N/A	***	***	N/A	***	***	N/A
	Non-First Nations	15	14	93.3	15	14	93.3	0	***	N/A
	All 1 Year Olds	15	14	93.3	15	14	93.3	0	***	N/A
2	First Nations	4	***	N/A	4	***	N/A	0	***	N/A
	Non-First Nations	12	10	83.3	11	9	81.8	1	***	N/A
	All 2 Year Olds	16	12	75.0	15	11	73.3	1	***	N/A
7	First Nations	3	***	N/A	3	***	N/A	0	***	N/A
	Non-First Nations	9	11	122.2	8	10	125.0	1	***	N/A
	All 7 Year Olds	12	14	116.7	11	13	118.2	1	***	N/A
11	First Nations	1	***	N/A	1	***	N/A	0	***	N/A
	Non-First Nations	11	6	54.5	7	6	85.7	4	***	N/A
	All 11 Year Olds	12	6	50.0	8	6	75.0	4	***	N/A
17	First Nations	4	***	N/A	4	***	N/A	0	***	N/A
	Non-First Nations	10	5	50.0	8	5	62.5	2	***	N/A
	All 17 Year Olds	14	6	42.9	12	6	50.0	2	***	N/A



# Report 4 – Complete for Age from Birth for all Immunogens by Region of Residence, 2005-2009

**For all residents, continuous residents and non-continuous residents**

Note: Coverage rates for children who were complete for age from birth for all immunogens is provided for each separate year from 2005 to 2009. This allows comparison over time.

Age	2005 Residents			2006 Residents			2007 Residents			2008 Residents			2009 Residents		
	No. of Children	Contin-uous	Non-Contin-uous	No. of Children	Contin-uous	Non-Contin-uous	No. of Children	Contin-uous	Non-Contin-uous	No. of Children	Contin-uous	Non-Contin-uous	No. of Children	Contin-uous	Non-Contin-uous
<b>MANITOBA</b>															
1 CFA	11,024	10,830	194	11,019	10,833	186	11,242	11,034	208	11,841	11,591	250	12,002	11,760	242
Population	13,952	13,423	529	14,243	13,711	532	14,774	14,183	591	15,544	14,883	661	15,695	15,097	598
Rate per 100	79.0	80.7	36.7	77.4	79.0	35.0	76.1	77.8	35.2	76.2	77.9	37.8	76.5	77.9	40.5
2 CFA	9,314	9,058	256	6,322	6,169	153	8,415	8,244	171	9,129	8,876	253	9,765	9,494	271
Population	14,216	13,218	998	14,045	13,094	951	14,386	13,383	1,003	15,012	13,871	1,141	15,752	14,636	1,116
Rate per 100	65.5	68.5	25.7	45.0	47.1	16.1	58.5	61.6	17.0	60.8	64.0	22.2	62.0	64.9	24.3
7 CFA	9,536	8,954	582	9,976	9,278	698	10,126	9,432	694	10,271	9,442	829	10,133	9,239	894
Population	15,039	12,749	2,290	15,031	12,565	2,466	14,759	12,446	2,313	14,911	12,343	2,568	14,834	12,259	2,575
Rate per 100	63.4	70.2	25.4	66.4	73.8	28.3	68.6	75.8	30.0	68.9	76.5	32.3	68.3	75.4	34.7
11 CFA	9,821	8,933	888	9,130	8,328	802	8,778	8,012	766	8,345	7,636	709	8,111	7,400	711
Population	16,892	13,747	3,145	16,604	13,531	3,073	16,150	12,950	3,200	15,534	12,332	3,202	15,547	12,293	3,254
Rate per 100	58.1	65.0	28.2	55.0	61.5	26.1	54.4	61.9	23.9	53.7	61.9	22.1	52.2	60.2	21.9
17 CFA	8,998	7,861	1,137	6,001	5,309	692	7,380	6,555	825	7,957	7,071	886	8,354	7,439	915
Population	16,819	12,952	3,867	17,341	13,429	3,912	17,612	13,574	4,038	17,847	13,589	4,258	17,206	13,091	4,115
Rate per 100	53.5	60.7	29.4	34.6	39.5	17.7	41.9	48.3	20.4	44.6	52.0	20.8	48.6	56.8	22.2
<b>Winnipeg</b>															
1 CFA	5,735	5,680	55	5,795	5,733	62	5,763	5,684	79	5,970	5,889	81	6,049	5,976	73
Population	7,103	6,810	293	7,214	6,943	271	7,405	7,081	324	7,649	7,295	354	7,737	7,417	320
Rate per 100	80.7	83.4	18.8	80.3	82.6	22.9	77.8	80.3	24.4	78.0	80.7	22.9	78.2	80.6	22.8
2 CFA	4,822	4,743	79	3,515	3,450	65	4,369	4,314	55	4,649	4,554	95	4,959	4,870	89
Population	7,167	6,617	550	7,085	6,559	526	7,235	6,681	554	7,511	6,865	646	7,751	7,150	601
Rate per 100	67.3	71.7	14.4	49.6	52.6	12.4	60.4	64.6	9.9	61.9	66.3	14.7	64.0	68.1	14.8
7 CFA	4,295	4,143	152	4,608	4,413	195	4,838	4,631	207	4,864	4,611	253	4,733	4,461	272
Population	7,571	6,254	1,317	7,643	6,250	1,393	7,527	6,236	1,291	7,591	6,132	1,459	7,520	6,051	1,469
Rate per 100	56.7	66.2	11.5	60.3	70.6	14.0	64.3	74.3	16.0	64.1	75.2	17.3	62.9	73.7	18.5
11 CFA	5,107	4,694	413	4,468	4,143	325	4,244	3,952	292	3,863	3,658	205	3,702	3,505	197
Population	8,723	6,933	1,790	8,510	6,785	1,725	8,338	6,513	1,825	8,012	6,176	1,836	7,883	6,040	1,843
Rate per 100	58.5	67.7	23.1	52.5	61.1	18.8	50.9	60.7	16.0	48.2	59.2	11.2	47.0	58.0	10.7
17 CFA	4,354	3,758	596	2,780	2,432	348	3,513	3,119	394	3,930	3,492	438	4,137	3,721	416
Population	8,698	6,405	2,293	8,952	6,661	2,291	9,100	6,756	2,344	9,316	6,785	2,531	9,074	6,658	2,416
Rate per 100	50.1	58.7	26.0	31.1	36.5	15.2	38.6	46.2	16.8	42.2	51.5	17.3	45.6	55.9	17.2
<b>Brandon</b>															
1 CFA	542	529	13	510	492	18	588	566	22	575	559	16	550	526	24
Population	638	612	26	633	595	38	706	668	38	718	679	39	669	625	44
Rate per 100	85.0	86.4	50.0	80.6	82.7	47.4	83.3	84.7	57.9	80.1	82.3	41.0	82.2	84.2	54.5
2 CFA	428	412	16	324	317	7	406	391	15	464	440	24	439	420	19
Population	635	578	57	636	586	50	629	564	65	705	638	67	724	649	75
Rate per 100	67.4	71.3	28.1	50.9	54.1	14.0	64.5	69.3	23.1	65.8	69.0	35.8	60.6	64.7	25.3
7 CFA	422	375	47	431	378	53	428	385	43	375	340	35	436	382	54
Population	605	488	117	578	464	114	586	465	121	544	426	118	615	473	142
Rate per 100	69.8	76.8	40.2	74.6	81.5	46.5	73.0	82.8	35.5	68.9	79.8	29.7	70.9	80.8	38.0
11 CFA	395	357	38	414	354	60	408	351	57	346	298	48	354	308	46
Population	660	506	154	631	463	168	606	455	151	562	412	150	582	419	163
Rate per 100	59.8	70.6	24.7	65.6	76.5	35.7	67.3	77.1	37.7	61.6	72.3	32.0	60.8	73.5	28.2
17 CFA	429	341	88	297	246	51	341	287	54	336	307	29	359	307	52
Population	687	492	195	714	516	198	683	476	207	636	457	179	616	422	194
Rate per 100	62.4	69.3	45.1	41.6	47.7	25.8	49.9	60.3	26.1	52.8	67.2	16.2	58.3	72.7	26.8

# Report 4 – Complete for Age from Birth for all Immunogens by Region of Residence, 2005-2009

For all residents, continuous residents and non-continuous residents

Age	2005 Residents			2006 Residents			2007 Residents			2008 Residents			2009 Residents		
	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous
<b>North Eastman</b>															
1 CFA	348	344	***	346	344	***	357	353	***	357	351	6	374	368	6
Population	449	443	***	433	427	***	494	484	***	522	508	14	513	499	14
Rate per 100	77.5	77.7	N/A	79.9	80.6	N/A	72.3	72.9	N/A	68.4	69.1	42.9	72.9	73.7	42.9
2 CFA	280	274	6	188	186	***	237	235	***	286	283	***	292	285	7
Population	476	458	18	455	440	***	460	450	***	495	478	***	521	500	21
Rate per 100	58.8	59.8	33.3	41.3	42.3	N/A	51.5	52.2	N/A	57.8	59.2	N/A	56.0	57.0	33.3
7 CFA	379	359	20	377	354	23	381	369	12	391	370	21	383	352	31
Population	553	514	39	527	485	42	527	497	30	554	503	51	523	475	48
Rate per 100	68.5	69.8	51.3	71.5	73.0	54.8	72.3	74.2	40.0	70.6	73.6	41.2	73.2	74.1	64.6
11 CFA	346	316	30	321	298	23	291	263	28	274	263	11	312	287	25
Population	642	569	73	619	563	56	576	500	76	545	480	65	582	510	72
Rate per 100	53.9	55.5	41.1	51.9	52.9	41.1	50.5	52.6	36.8	50.3	54.8	16.9	53.6	56.3	34.7
17 CFA	329	297	32	196	172	24	211	190	21	231	209	22	307	273	34
Population	595	510	85	648	560	88	639	525	114	649	560	89	662	559	103
Rate per 100	55.3	58.2	37.6	30.2	30.7	27.3	33.0	36.2	18.4	35.6	37.3	24.7	46.4	48.8	33.0
<b>South Eastman</b>															
1 CFA	700	677	23	743	728	15	769	752	17	824	801	23	909	884	25
Population	821	787	34	914	869	45	955	918	37	1,008	969	39	1,107	1,070	37
Rate per 100	85.3	86.0	67.6	81.3	83.8	33.3	80.5	81.9	45.9	81.7	82.7	59.0	82.1	82.6	67.6
2 CFA	624	588	36	381	368	13	621	605	16	685	658	27	665	644	21
Population	876	800	76	858	791	67	964	874	90	1,009	925	84	1,048	971	77
Rate per 100	71.2	73.5	47.4	44.4	46.5	19.4	64.4	69.2	17.8	67.9	71.1	32.1	63.5	66.3	27.3
7 CFA	723	619	104	713	593	120	779	656	123	865	687	178	872	703	169
Population	941	749	192	931	697	234	997	761	236	1,072	798	274	1,054	800	254
Rate per 100	76.8	82.6	54.2	76.6	85.1	51.3	78.1	86.2	52.1	80.7	86.1	65.0	82.7	87.9	66.5
11 CFA	640	558	82	674	584	90	655	569	86	670	564	106	695	571	124
Population	1,018	768	250	1,061	797	264	1,058	769	289	1,072	779	293	1,099	797	302
Rate per 100	62.9	72.7	32.8	63.5	73.3	34.1	61.9	74.0	29.8	62.5	72.4	36.2	63.2	71.6	41.1
17 CFA	561	480	81	344	305	39	486	409	77	574	496	78	595	508	87
Population	967	722	245	1,039	762	277	1,097	785	312	1,193	838	355	1,093	768	325
Rate per 100	58.0	66.5	33.1	33.1	40.0	14.1	44.3	52.1	24.7	48.1	59.2	22.0	54.4	66.1	26.8
<b>Interlake</b>															
1 CFA	626	615	11	620	613	7	637	627	10	687	675	12	661	657	***
Population	805	776	29	795	778	17	838	817	21	883	855	28	865	853	***
Rate per 100	77.8	79.3	37.9	78.0	78.8	41.2	76.0	76.7	47.6	77.8	78.9	42.9	76.4	77.0	N/A
2 CFA	525	510	15	335	327	8	457	452	5	513	501	12	527	518	9
Population	808	766	42	824	780	44	812	778	34	861	814	47	910	869	41
Rate per 100	65.0	66.6	35.7	40.7	41.9	18.2	56.3	58.1	14.7	59.6	61.5	25.5	57.9	59.6	22.0
7 CFA	681	663	18	654	621	33	613	595	18	621	589	32	623	592	31
Population	953	877	76	953	841	112	861	784	77	895	802	93	916	821	95
Rate per 100	71.5	75.6	23.7	68.6	73.8	29.5	71.2	75.9	23.4	69.4	73.4	34.4	68.0	72.1	32.6
11 CFA	621	588	33	685	648	37	576	552	24	581	545	36	521	495	26
Population	1,100	965	135	1,192	1,036	154	1,076	947	129	1,035	900	135	990	870	120
Rate per 100	56.5	60.9	24.4	57.5	62.4	24.0	53.5	58.3	18.6	56.1	60.6	26.7	52.6	56.9	21.7
17 CFA	684	633	51	409	383	26	531	493	38	548	510	38	567	532	35
Population	1,197	1,027	170	1,200	1,015	185	1,184	999	185	1,188	1,011	177	1,167	989	178
Rate per 100	57.1	61.6	30.0	34.1	37.7	14.1	44.8	49.3	20.5	46.1	50.4	21.5	48.6	53.8	19.7

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For all residents, continuous residents and non-continuous residents

Age	2005 Residents			2006 Residents			2007 Residents			2008 Residents			2009 Residents		
	No. of Children	Contin-uous	Non-Contin-uous	No. of Children	Contin-uous	Non-Contin-uous	No. of Children	Contin-uous	Non-Contin-uous	No. of Children	Contin-uous	Non-Contin-uous	No. of Children	Contin-uous	Non-Contin-uous
<b>Central</b>															
1 CFA	1,030	991	39	1,025	1,006	19	1,044	1,021	23	1,084	1,039	45	1,154	1,117	37
Population	1,388	1,334	54	1,490	1,426	64	1,521	1,452	69	1,585	1,497	88	1,708	1,628	80
Rate per 100	74.2	74.3	72.2	68.8	70.5	29.7	68.6	70.3	33.3	68.4	69.4	51.1	67.6	68.6	46.3
2 CFA	953	913	40	503	486	17	754	733	21	761	737	24	802	760	42
Population	1,544	1,419	125	1,428	1,323	105	1,527	1,410	117	1,598	1,453	145	1,630	1,472	158
Rate per 100	61.7	64.3	32.0	35.2	36.7	16.2	49.4	52.0	17.9	47.6	50.7	16.6	49.2	51.6	26.6
7 CFA	1,073	976	97	1,139	1,036	103	1,153	1,015	138	1,188	1,019	169	1,157	997	160
Population	1,518	1,281	237	1,552	1,288	264	1,560	1,286	274	1,588	1,295	293	1,604	1,306	298
Rate per 100	70.7	76.2	40.9	73.4	80.4	39.0	73.9	78.9	50.4	74.8	78.7	57.7	72.1	76.3	53.7
11 CFA	1,036	910	126	979	855	124	937	814	123	1,039	895	144	941	803	138
Population	1,670	1,358	312	1,654	1,323	331	1,601	1,278	323	1,691	1,339	352	1,617	1,239	378
Rate per 100	62.0	67.0	40.4	59.2	64.6	37.5	58.5	63.7	38.1	61.4	66.8	40.9	58.2	64.8	36.5
17 CFA	1,065	960	105	720	642	78	922	812	110	995	863	132	994	853	141
Population	1,626	1,292	334	1,637	1,300	337	1,741	1,345	396	1,822	1,391	431	1,738	1,294	444
Rate per 100	65.5	74.3	31.4	44.0	49.4	23.1	53.0	60.4	27.8	54.6	62.0	30.6	57.2	65.9	31.8
<b>Assiniboine</b>															
1 CFA	619	598	21	537	511	26	595	569	26	638	605	33	607	579	28
Population	744	712	32	702	662	40	743	710	33	804	760	44	766	727	39
Rate per 100	83.2	84.0	65.6	76.5	77.2	65.0	80.1	80.1	78.8	79.4	79.6	75.0	79.2	79.6	71.8
2 CFA	521	493	28	307	290	17	441	420	21	475	448	27	544	506	38
Population	722	673	49	742	686	56	716	659	57	744	691	53	817	756	61
Rate per 100	72.2	73.3	57.1	41.4	42.3	30.4	61.6	63.7	36.8	63.8	64.8	50.9	66.6	66.9	62.3
7 CFA	654	605	49	662	602	60	628	560	68	602	550	52	597	516	81
Population	836	726	110	814	694	120	776	653	123	743	627	116	754	620	134
Rate per 100	78.2	83.3	44.5	81.3	86.7	50.0	80.9	85.8	55.3	81.0	87.7	44.8	79.2	83.2	60.4
11 CFA	656	589	67	619	561	58	603	544	59	583	512	71	570	516	54
Population	944	780	164	905	758	147	865	721	144	834	663	171	848	705	143
Rate per 100	69.5	75.5	40.9	68.4	74.0	39.5	69.7	75.5	41.0	69.9	77.2	41.5	67.2	73.2	37.8
17 CFA	686	611	75	551	509	42	572	520	52	587	537	50	605	554	51
Population	1,049	831	218	1,069	859	210	1,035	841	194	1,008	821	187	961	777	184
Rate per 100	65.4	73.5	34.4	51.5	59.3	20.0	55.3	61.8	26.8	58.2	65.4	26.7	63.0	71.3	27.7
<b>Parkland</b>															
1 CFA	394	385	9	435	423	12	428	416	12	466	453	13	457	437	20
Population	467	452	15	514	497	17	529	509	20	557	538	19	559	537	22
Rate per 100	84.4	85.2	60.0	84.6	85.1	70.6	80.9	81.7	60.0	83.7	84.2	68.4	81.8	81.4	90.9
2 CFA	376	365	11	236	224	12	362	352	10	379	357	22	403	385	18
Population	506	479	27	484	453	31	516	490	26	529	496	33	554	522	32
Rate per 100	74.3	76.2	40.7	48.8	49.4	38.7	70.2	71.8	38.5	71.6	72.0	66.7	72.7	73.8	56.3
7 CFA	464	417	47	452	404	48	426	382	44	403	364	39	424	385	39
Population	570	485	85	568	491	77	517	451	66	484	421	63	504	454	50
Rate per 100	81.4	86.0	55.3	79.6	82.3	62.3	82.4	84.7	66.7	83.3	86.5	61.9	84.1	84.8	78.0
11 CFA	440	387	53	393	356	37	398	355	43	388	341	47	393	343	50
Population	614	509	105	555	462	93	578	461	117	533	443	90	555	452	103
Rate per 100	71.7	76.0	50.5	70.8	77.1	39.8	68.9	77.0	36.8	72.8	77.0	52.2	70.8	75.9	48.5
17 CFA	413	357	56	310	280	30	373	339	34	357	311	46	381	331	50
Population	597	469	128	618	492	126	668	549	119	630	500	130	583	469	114
Rate per 100	69.2	76.1	43.8	50.2	56.9	23.8	55.8	61.7	28.6	56.7	62.2	35.4	65.4	70.6	43.9



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	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous
<b>NOR-MAN</b>															
1 CFA	318	305	13	311	301	10	305	298	7	367	356	11	340	330	10
Population	438	419	19	400	384	16	413	395	18	481	468	13	436	424	12
Rate per 100	72.6	72.8	68.4	77.8	78.4	62.5	73.8	75.4	38.9	76.3	76.1	84.6	78.0	77.8	83.3
2 CFA	262	254	8	181	173	8	246	235	11	256	248	8	336	323	13
Population	406	390	16	439	409	30	402	380	22	405	383	22	495	474	21
Rate per 100	64.5	65.1	50.0	41.2	42.3	26.7	61.2	61.8	50.0	63.2	64.8	36.4	67.9	68.1	61.9
7 CFA	312	281	31	341	307	34	314	292	22	319	294	25	336	302	34
Population	434	374	60	422	373	49	412	366	46	411	364	47	406	362	44
Rate per 100	71.9	75.1	51.7	80.8	82.3	69.4	76.2	79.8	47.8	77.6	80.8	53.2	82.8	83.4	77.3
11 CFA	261	236	25	250	220	30	238	213	25	239	218	21	260	227	33
Population	434	363	71	429	364	65	408	343	65	390	342	48	429	363	66
Rate per 100	60.1	65.0	35.2	58.3	60.4	46.2	58.3	62.1	38.5	61.3	63.7	43.8	60.6	62.5	50.0
17 CFA	212	182	30	209	173	36	219	189	30	197	171	26	197	164	33
Population	390	309	81	445	352	93	457	375	82	427	352	75	382	292	90
Rate per 100	54.4	58.9	37.0	47.0	49.1	38.7	47.9	50.4	36.6	46.1	48.6	34.7	51.6	56.2	36.7
<b>Burntwood</b>															
1 CFA	701	696	5	679	666	13	742	734	8	861	852	9	887	872	15
Population	1,085	1,065	20	1,126	1,111	15	1,157	1,136	21	1,322	1,300	22	1,320	1,302	18
Rate per 100	64.6	65.4	25.0	60.3	59.9	86.7	64.1	64.6	38.1	65.1	65.5	40.9	67.2	67.0	83.3
2 CFA	511	494	17	345	341	---	506	493	13	647	636	11	786	772	14
Population	1,063	1,026	37	1,085	1,059	---	1,104	1,079	25	1,139	1,112	27	1,286	1,258	28
Rate per 100	48.1	48.1	45.9	31.8	32.2	N/A	45.8	45.7	52.0	56.8	57.2	40.7	61.1	61.4	50.0
7 CFA	524	508	16	589	561	28	562	543	19	623	602	21	558	536	22
Population	1,044	992	52	1,030	973	57	989	941	48	1,006	957	49	926	886	40
Rate per 100	50.2	51.2	30.8	57.2	57.7	49.1	56.8	57.7	39.6	61.9	62.9	42.9	60.3	60.5	55.0
11 CFA	311	293	18	319	302	17	415	387	28	354	334	20	357	339	18
Population	1,076	990	86	1,031	965	66	1,028	949	79	846	787	59	950	890	60
Rate per 100	28.9	29.6	20.9	30.9	31.3	25.8	40.4	40.8	35.4	41.8	42.4	33.9	37.6	38.1	30.0
17 CFA	259	236	23	183	165	18	207	193	14	201	174	27	206	190	16
Population	1,002	885	117	1,008	907	101	992	913	79	967	866	101	916	851	65
Rate per 100	25.8	26.7	19.7	18.2	18.2	17.8	20.9	21.1	17.7	20.8	20.1	26.7	22.5	22.3	24.6
<b>Churchill</b>															
1 CFA	11	10	---	18	16	---	14	14	---	12	11	---	14	14	---
Population	14	13	---	22	19	---	13	13	---	15	14	---	15	15	---
Rate per 100	78.6	76.9	N/A	81.8	84.2	N/A	107.7	107.7	N/A	80.0	78.6	N/A	93.3	93.3	N/A
2 CFA	12	12	---	7	7	---	16	14	---	14	14	---	12	11	---
Population	13	12	---	9	8	---	21	18	---	16	16	---	16	15	---
Rate per 100	92.3	100.0	N/A	77.8	87.5	N/A	76.2	77.8	N/A	87.5	87.5	N/A	75.0	73.3	N/A
7 CFA	9	8	---	10	9	---	---	---	---	20	16	---	14	13	---
Population	14	9	---	13	9	---	---	---	---	23	18	---	12	11	---
Rate per 100	64.3	88.9	N/A	76.9	100.0	N/A	N/A	N/A	N/A	87.0	88.9	N/A	116.7	118.2	N/A
11 CFA	8	5	---	8	7	---	13	12	---	8	8	---	6	6	---
Population	11	6	---	17	13	---	16	14	---	14	11	---	12	8	---
Rate per 100	72.7	83.3	N/A	47.1	53.8	N/A	81.3	85.7	N/A	57.1	72.7	N/A	50.0	75.0	N/A
17 CFA	6	6	---	---	---	---	5	---	---	---	---	---	6	6	---
Population	11	10	---	---	---	---	16	---	---	---	---	---	14	12	---
Rate per 100	54.5	60.0	N/A	N/A	N/A	N/A	31.3	N/A	N/A	N/A	N/A	N/A	42.9	50.0	N/A

# Report 5 – Childhood Vaccine Doses by Provider Type and Provider Location, 2009

January 1 to December 31, 2009

Provider	DTaP-IPV	DTaP-IPV-HIB	Td	MMR	HBV	HEPA/B	V	Tdap	MC	PCV7	Flu	HPV	Total Doses
<b>MANITOBA</b>													
Public Health Nurse													
First Nations	289	1,505	13	685	1,702	***	498	386	776	1,496	1,819	549	
Non-First Nations	3,227	10,799	47	6,251	26,820	416	4,210	9,249	11,393	10,456	14,025	10,490	
Total	3,516	12,304	60	6,936	28,522	417	4,708	9,635	12,169	11,952	15,844	11,039	117,102
% of Doses Administered	3.0%	10.5%	0.1%	5.9%	24.4%	0.4%	4.0%	8.2%	10.4%	10.2%	13.5%	9.4%	41.9%
Physician													
First Nations	290	2,262	24	851	112	***	542	48	409	2,183	413	6	
Non-First Nations	7,277	34,304	454	16,054	2,257	1,776	9,002	1,019	7,244	33,753	8,417	1,149	
Total	7,567	36,566	478	16,905	2,369	1,779	9,544	1,067	7,653	35,936	8,830	1,155	129,849
% of Doses Administered	5.8%	28.2%	0.4%	13.0%	1.8%	1.4%	7.4%	0.8%	5.9%	27.7%	6.8%	0.9%	46.5%
First Nation/Tribal Council													
First Nations	1,007	5,217	84	2,438	2,043	***	1,652	588	1,808	5,129	747	722	
Non-First Nations	209	956	10	469	450	***	290	114	347	926	183	167	
Total	1,216	6,173	94	2,907	2,493	***	1,942	702	2,155	6,055	930	889	25,559
% of Doses Administered	4.8%	24.2%	0.4%	11.4%	9.8%	N/A	7.6%	2.7%	8.4%	23.7%	3.6%	3.5%	9.2%
Other													
First Nations	92	401	69	218	123	***	92	103	83	400	108	***	
Non-First Nations	303	1,080	296	629	320	72	379	251	297	1,102	335	48	
Total	395	1,481	365	847	443	72	471	354	380	1,502	443	48	6,801
% of Doses Administered	5.8%	21.8%	5.4%	12.5%	6.5%	1.1%	6.9%	5.2%	5.6%	22.1%	6.5%	0.7%	2.4%
<b>Total for MANITOBA</b>	<b>12,694</b>	<b>56,524</b>	<b>997</b>	<b>27,595</b>	<b>33,827</b>	<b>2,271</b>	<b>16,665</b>	<b>11,758</b>	<b>22,357</b>	<b>55,445</b>	<b>26,047</b>	<b>13,131</b>	<b>279,311</b>
<b>Winnipeg</b>													
Public Health Nurse													
First Nations	11	22	***	31	749	***	24	113	255	22	538	248	
Non-First Nations	88	228	5	279	15,053	194	551	4,890	5,643	225	8,037	6,123	
Total	99	250	7	310	15,802	195	575	5,003	5,898	247	8,575	6,371	43,332
% of Doses Administered	0.2%	0.6%	0.0%	0.7%	36.5%	0.5%	1.3%	11.5%	13.6%	0.6%	19.8%	14.7%	27.0%
Physician													
First Nations	257	1,891	18	752	108	***	482	44	382	1,815	357	5	
Non-First Nations	6,389	28,673	372	13,730	2,208	1,565	7,698	984	6,332	28,204	7,783	973	
Total	6,646	30,564	390	14,482	2,316	1,567	8,180	1,028	6,714	30,019	8,140	978	111,024
% of Doses Administered	6.0%	27.5%	0.4%	13.0%	2.1%	1.4%	7.4%	0.9%	6.0%	27.0%	7.3%	0.9%	69.3%
First Nation/Tribal Council													
First Nations	9	18	***	18	***	***	10	***	***	18	7	***	
Non-First Nations	6	***	***	8	***	***	5	***	***	***	***	***	
Total	15	22	***	26	6	***	15	***	7	22	7	***	125
% of Doses Administered	12.0%	17.6%	N/A	20.8%	4.8%	N/A	12.0%	N/A	5.6%	17.6%	5.6%	N/A	0.1%
Other													
First Nations	92	396	11	203	99	***	90	96	82	396	107	***	
Non-First Nations	269	984	55	545	251	38	325	225	246	989	309	25	
Total	361	1,380	66	748	350	38	415	321	328	1,385	416	25	5,833
% of Doses Administered	6.2%	23.7%	1.1%	12.8%	6.0%	0.7%	7.1%	5.5%	5.6%	23.7%	7.1%	0.4%	3.6%
<b>Total for Winnipeg</b>	<b>7,121</b>	<b>32,216</b>	<b>463</b>	<b>15,566</b>	<b>18,474</b>	<b>1,800</b>	<b>9,185</b>	<b>6,354</b>	<b>12,947</b>	<b>31,673</b>	<b>17,138</b>	<b>7,377</b>	<b>160,314</b>

NOTE: 'Other' providers includes facilities, primary care providers, private health care providers, pharmacies, and other unknown

# Report 5 – Childhood Vaccine Doses by Provider Type and Provider Location, 2009

January 1 to December 31, 2009

Provider	DTaP-IPV	DTaP-IPV-HIB	Td	MMR	HBV	HEPA/B	V	Tdap	MC	PCV7	Flu	HPV	Total Doses
<b>Brandon</b>													
Public Health Nurse													
First Nations	42	146	***	75	75	***	47	20	59	145	133	22	
Non-First Nations	225	974	***	442	1,294	58	280	465	596	969	1,656	488	
Total	267	1,120	5	517	1,369	58	327	485	655	1,114	1,789	510	8,216
% of Doses Administered	3.2%	13.6%	0.1%	6.3%	16.7%	0.7%	4.0%	5.9%	8.0%	13.6%	21.8%	6.2%	58.0%
Physician													
First Nations	19	129	***	44	***	***	21	***	***	128	26	***	
Non-First Nations	319	1,845	22	752	6	56	377	14	120	1,838	154	39	
Total	338	1,974	22	796	6	56	398	15	124	1,966	180	39	5,914
% of Doses Administered	5.7%	33.4%	0.4%	13.5%	0.1%	0.9%	6.7%	0.3%	2.1%	33.2%	3.0%	0.7%	41.8%
First Nation/Tribal Council													
First Nations	***	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	***	***	***	***	***	***	***	***	***	***	
Total	***	***	***	***	***	***	***	***	***	***	***	***	7
% of Doses Administered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0%
Other													
First Nations	***	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	10	***	***	***	***	8	***	***	***	***	
Total	***	***	11	***	***	***	***	9	***	***	***	***	27
% of Doses Administered	N/A	N/A	40.7%	N/A	N/A	N/A	N/A	33.3%	N/A	N/A	N/A	N/A	0.2%
<b>Total for Brandon</b>	<b>610</b>	<b>3,096</b>	<b>38</b>	<b>1,316</b>	<b>1,375</b>	<b>114</b>	<b>726</b>	<b>510</b>	<b>779</b>	<b>3,082</b>	<b>1,969</b>	<b>549</b>	<b>14,164</b>
<b>North Eastman</b>													
Public Health Nurse													
First Nations	23	44	***	35	69	***	17	20	28	44	88	18	
Non-First Nations	165	365	***	277	886	19	188	350	367	360	392	267	
Total	188	409	***	312	955	19	205	370	395	404	480	285	4,023
% of Doses Administered	4.7%	10.2%	N/A	7.8%	23.7%	0.5%	5.1%	9.2%	9.8%	10.0%	11.9%	7.1%	54.0%
Physician													
First Nations	***	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	44	131	7	79	12	12	28	***	13	124	10	7	
Total	44	134	10	80	12	12	29	***	14	127	10	7	482
% of Doses Administered	9.1%	27.8%	2.1%	16.6%	2.5%	2.5%	6.0%	N/A	2.9%	26.3%	2.1%	1.5%	6.5%
First Nation/Tribal Council													
First Nations	107	446	19	250	277	***	195	87	187	442	227	125	
Non-First Nations	21	112	7	56	71	***	42	18	42	106	41	24	
Total	128	558	26	306	348	***	237	105	229	548	268	149	2,903
% of Doses Administered	4.4%	19.2%	0.9%	10.5%	12.0%	N/A	8.2%	3.6%	7.9%	18.9%	9.2%	5.1%	39.0%
Other													
First Nations	***	***	5	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	19	***	***	***	***	***	***	***	***	5	
Total	***	***	24	***	***	***	***	***	***	***	***	5	38
% of Doses Administered	N/A	N/A	63.2%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13.2%	0.5%
<b>Total for North Eastman</b>	<b>361</b>	<b>1,102</b>	<b>61</b>	<b>700</b>	<b>1,315</b>	<b>32</b>	<b>472</b>	<b>478</b>	<b>638</b>	<b>1,079</b>	<b>762</b>	<b>446</b>	<b>7,446</b>

NOTE: 'Other' providers includes facilities, primary care providers, private health care providers, pharmacies, and other unknown



## Report 5 – Childhood Vaccine Doses by Provider Type and Provider Location, 2009

January 1 to December 31, 2009

Provider	DTaP-IPV	DTaP-IPV-HIB	Td	MMR	HBV	HEPA/B	V	Tdap	MC	PCV7	Flu	HPV	Total Doses
<b>South Eastman</b>													
Public Health Nurse													
First Nations	***	15	***	17	13	***	7	14	10	14	27	5	
Non-First Nations	422	1,299	***	826	1,491	6	480	759	1,070	1,284	581	578	
Total	424	1,314	***	843	1,504	6	487	773	1,080	1,298	608	583	8,924
% of Doses Administered	4.8%	14.7%	N/A	9.4%	16.9%	0.1%	5.5%	8.7%	12.1%	14.5%	6.8%	6.5%	65.1%
Physician													
First Nations	***	7	***	***	***	***	***	***	***	7	***	***	
Non-First Nations	202	1,478	19	595	5	20	364	***	408	1,477	50	19	
Total	203	1,485	19	598	5	20	366	***	409	1,484	50	19	4,660
% of Doses Administered	4.4%	31.9%	0.4%	12.8%	0.1%	0.4%	7.9%	N/A	8.8%	31.8%	1.1%	0.4%	34.0%
First Nation/Tribal Council													
First Nations	5	8	***	8	***	***	***	***	***	8	***	***	
Non-First Nations	***	8	***	5	***	***	***	***	***	8	5	***	
Total	8	16	***	13	***	***	***	***	***	16	7	***	64
% of Doses Administered	12.5%	25.0%	N/A	20.3%	N/A	N/A	N/A	N/A	N/A	25.0%	10.9%	N/A	0.5%
Other													
First Nations	***	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	47	***	***	***	***	***	***	***	***	***	
Total	***	***	49	***	***	***	***	***	***	***	***	***	54
% of Doses Administered	N/A	N/A	90.7%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.4%
<b>Total for South Eastman</b>	<b>635</b>	<b>2,815</b>	<b>72</b>	<b>1,455</b>	<b>1,510</b>	<b>27</b>	<b>857</b>	<b>775</b>	<b>1,489</b>	<b>2,799</b>	<b>665</b>	<b>603</b>	<b>13,702</b>
<b>Interlake</b>													
Public Health Nurse													
First Nations	9	41	***	25	92	***	21	34	32	41	31	27	
Non-First Nations	177	452	***	322	1,754	19	268	867	553	435	265	760	
Total	186	493	***	347	1,846	19	289	901	585	476	296	787	6,229
% of Doses Administered	3.0%	7.9%	N/A	5.6%	29.6%	0.3%	4.6%	14.5%	9.4%	7.6%	4.8%	12.6%	57.7%
Physician													
First Nations	***	31	***	8	***	***	7	***	6	29	10	***	
Non-First Nations	130	636	8	310	13	***	186	12	146	624	179	19	
Total	131	667	8	318	15	***	193	12	152	653	189	19	2,361
% of Doses Administered	5.5%	28.3%	0.3%	13.5%	0.6%	N/A	8.2%	0.5%	6.4%	27.7%	8.0%	0.8%	21.9%
First Nation/Tribal Council													
First Nations	82	415	***	169	122	***	101	66	131	415	141	49	
Non-First Nations	24	114	***	60	33	***	23	8	36	112	32	11	
Total	106	529	***	229	155	***	124	74	167	527	173	60	2,144
% of Doses Administered	4.9%	24.7%	N/A	10.7%	7.2%	N/A	5.8%	3.5%	7.8%	24.6%	8.1%	2.8%	19.9%
Other													
First Nations	***	***	16	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	43	***	***	***	***	***	***	***	***	***	
Total	***	***	59	***	***	***	***	***	***	***	***	***	59
% of Doses Administered	N/A	N/A	100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.5%
<b>Total for Interlake</b>	<b>423</b>	<b>1,689</b>	<b>71</b>	<b>894</b>	<b>2,016</b>	<b>23</b>	<b>606</b>	<b>987</b>	<b>904</b>	<b>1,656</b>	<b>658</b>	<b>866</b>	<b>10,793</b>

NOTE: 'Other' providers includes facilities, primary care providers, private health care providers, pharmacies, and other unknown

# Report 5 – Childhood Vaccine Doses by Provider Type and Provider Location, 2009

January 1 to December 31, 2009

Provider	DTaP-IPV	DTaP-IPV-HIB	Td	MMR	HBV	HEPA/B	V	Tdap	MC	PCV7	Flu	HPV	Total Doses
<b>Central</b>													
Public Health Nurse													
First Nations	24	81	***	53	109	***	34	23	35	78	15	36	
Non-First Nations	858	2,892	7	1,610	2,534	49	955	840	1,148	2,655	694	783	
Total	882	2,973	9	1,663	2,643	49	989	863	1,183	2,733	709	819	15,515
% of Doses Administered	5.7%	19.2%	0.1%	10.7%	17.0%	0.3%	6.4%	5.6%	7.6%	17.6%	4.6%	5.3%	75.6%
Physician													
First Nations	6	121	***	28	***	***	20	***	8	121	9	***	
Non-First Nations	113	940	17	349	***	35	219	***	140	921	138	33	
Total	119	1,061	19	377	5	35	239	***	148	1,042	147	33	3,229
% of Doses Administered	3.7%	32.9%	0.6%	11.7%	0.2%	1.1%	7.4%	N/A	4.6%	32.3%	4.6%	1.0%	15.7%
First Nation/Tribal Council													
First Nations	67	333	***	176	115	***	144	56	91	316	63	43	
Non-First Nations	19	77	***	47	27	***	31	7	24	73	***	10	
Total	86	410	***	223	142	***	175	63	115	389	66	53	1,724
% of Doses Administered	5.0%	23.8%	N/A	12.9%	8.2%	N/A	10.2%	3.7%	6.7%	22.6%	3.8%	3.1%	8.4%
Other													
First Nations	***	***	9	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	38	***	***	9	***	***	***	***	***	***	
Total	***	***	47	***	***	9	***	***	***	***	***	***	58
% of Doses Administered	N/A	N/A	81.0%	N/A	N/A	15.5%	N/A	N/A	N/A	N/A	N/A	N/A	0.3%
<b>Total for Central</b>	<b>1,087</b>	<b>4,444</b>	<b>77</b>	<b>2,265</b>	<b>2,790</b>	<b>93</b>	<b>1,403</b>	<b>930</b>	<b>1,446</b>	<b>4,164</b>	<b>922</b>	<b>905</b>	<b>20,526</b>
<b>Assiniboine</b>													
Public Health Nurse													
First Nations	***	26	***	11	32	***	9	8	16	26	6	13	
Non-First Nations	552	1,841	***	1,007	1,689	14	599	533	838	1,776	392	712	
Total	556	1,867	***	1,018	1,721	14	608	541	854	1,802	398	725	10,106
% of Doses Administered	5.5%	18.5%	N/A	10.1%	17.0%	0.1%	6.0%	5.4%	8.5%	17.8%	3.9%	7.2%	80.8%
Physician													
First Nations	***	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	34	222	5	94	8	40	30	***	***	184	47	33	
Total	35	222	5	95	9	40	30	***	***	184	47	33	703
% of Doses Administered	5.0%	31.6%	0.7%	13.5%	1.3%	5.7%	4.3%	N/A	N/A	26.2%	6.7%	4.7%	5.6%
First Nation/Tribal Council													
First Nations	53	273	***	146	144	***	98	35	145	273	98	68	
Non-First Nations	14	61	***	32	33	***	19	12	32	60	33	14	
Total	67	334	***	178	177	***	117	47	177	333	131	82	1,643
% of Doses Administered	4.1%	20.3%	N/A	10.8%	10.8%	N/A	7.1%	2.9%	10.8%	20.3%	8.0%	5.0%	13.1%
Other													
First Nations	***	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	35	***	***	***	***	***	***	***	***	***	
Total	***	***	39	***	***	***	***	***	***	***	***	***	54
% of Doses Administered	N/A	N/A	72.2%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.4%
<b>Total for Assiniboine</b>	<b>658</b>	<b>2,424</b>	<b>46</b>	<b>1,293</b>	<b>1,911</b>	<b>55</b>	<b>755</b>	<b>590</b>	<b>1,034</b>	<b>2,319</b>	<b>577</b>	<b>844</b>	<b>12,506</b>

NOTE: "Other" providers includes facilities, primary care providers, private health care providers, pharmacies, and other unknown

# Report 5 – Childhood Vaccine Doses by Provider Type and Provider Location, 2009

January 1 to December 31, 2009

Provider	DTaP-IPV	DTaP-IPV-HIB	Td	MMR	HBV	HEPA/B	V	Tdap	MC	PCV7	Flu	HPV	Total Doses
<b>Parkland</b>													
Public Health Nurse													
First Nations	44	267	***	114	153	***	86	13	88	263	17	44	
Non-First Nations	288	958	***	563	907	9	322	85	412	945	202	322	
Total	332	1,225	***	677	1,060	9	408	98	500	1,208	219	366	6,104
% of Doses Administered	5.4%	20.1%	N/A	11.1%	17.4%	0.1%	6.7%	1.6%	8.2%	19.8%	3.6%	6.0%	64.8%
Physician													
First Nations	***	79	***	13	***	***	9	***	7	79	11	***	
Non-First Nations	46	373	***	142	***	44	97	***	81	376	51	26	
Total	50	452	***	155	***	45	106	***	88	455	62	27	1,446
% of Doses Administered	3.5%	31.3%	N/A	10.7%	N/A	3.1%	7.3%	N/A	6.1%	31.5%	4.3%	1.9%	15.4%
First Nation/Tribal Council													
First Nations	55	284	5	129	161	***	98	38	118	258	41	59	
Non-First Nations	26	125	***	55	78	***	44	19	51	120	17	48	
Total	81	409	6	184	239	***	142	57	169	378	58	107	1,830
% of Doses Administered	4.4%	22.3%	0.3%	10.1%	13.1%	N/A	7.8%	3.1%	9.2%	20.7%	3.2%	5.8%	19.4%
Other													
First Nations	***	***	6	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	26	***	***	***	***	***	***	***	***	***	
Total	***	***	32	***	***	***	***	***	***	***	***	***	37
% of Doses Administered	N/A	N/A	86.5%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.4%
<b>Total for Parkland</b>	<b>463</b>	<b>2,086</b>	<b>42</b>	<b>1,019</b>	<b>1,300</b>	<b>55</b>	<b>656</b>	<b>159</b>	<b>757</b>	<b>2,041</b>	<b>339</b>	<b>500</b>	<b>9,417</b>
<b>NOR-MAN</b>													
Public Health Nurse													
First Nations	64	459	***	177	189	***	140	84	126	456	527	64	
Non-First Nations	209	785	5	412	608	16	248	249	348	786	885	225	
Total	273	1,244	7	589	797	16	388	333	474	1,242	1,412	289	7,064
% of Doses Administered	3.9%	17.6%	0.1%	8.3%	11.3%	0.2%	5.5%	4.7%	6.7%	17.6%	20.0%	4.1%	79.7%
Physician													
First Nations	***	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	***	***	***	***	***	***	***	***	***	***	
Total	***	***	***	***	***	***	***	***	***	***	***	***	5
% of Doses Administered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.1%
First Nation/Tribal Council													
First Nations	79	358	***	174	193	***	90	22	128	349	23	56	
Non-First Nations	18	69	***	29	52	***	10	***	23	66	5	14	
Total	97	427	***	203	245	***	100	25	151	415	28	70	1,765
% of Doses Administered	5.5%	24.2%	N/A	11.5%	13.9%	N/A	5.7%	1.4%	8.6%	23.5%	1.6%	4.0%	19.9%
Other													
First Nations	***	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	7	***	***	***	***	7	***	***	***	***	
Total	***	***	11	***	***	***	***	11	***	***	***	***	27
% of Doses Administered	N/A	N/A	40.7%	N/A	N/A	N/A	N/A	40.7%	N/A	N/A	N/A	N/A	0.3%
<b>Total for NOR-MAN</b>	<b>370</b>	<b>1,671</b>	<b>21</b>	<b>795</b>	<b>1,044</b>	<b>18</b>	<b>489</b>	<b>369</b>	<b>626</b>	<b>1,657</b>	<b>1,442</b>	<b>359</b>	<b>8,861</b>

NOTE: 'Other' providers includes facilities, primary care providers, private health care providers, pharmacies, and other unknown



# Report 5 – Childhood Vaccine Doses by Provider Type and Provider Location, 2009

January 1 to December 31, 2009

Provider	DTaP-IPV	DTaP-IPV-HIB	Td	MMR	HBV	HEPA/B	V	Tdap	MC	PCV7	Flu	HPV	Total Doses
<b>Burntwood</b>													
Public Health Nurse													
First Nations	65	392	5	147	218	***	112	52	126	395	415	67	
Non-First Nations	209	883	8	425	541	24	268	181	351	886	844	218	
Total	274	1,275	13	572	759	24	380	233	477	1,281	1,259	285	6,832
% of Doses Administered	4.0%	18.7%	0.2%	8.4%	11.1%	0.4%	5.6%	3.4%	7.0%	18.8%	18.4%	4.2%	33.7%
Physician													
First Nations	***	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	6	***	***	***	***	***	***	***	5	***	***	
Total	***	7	***	***	***	***	***	***	***	6	***	***	25
% of Doses Administered	N/A	28.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	24.0%	N/A	N/A	0.1%
First Nation/Tribal Council													
First Nations	548	3,082	57	1,365	1,029	***	912	281	1,004	3,050	145	319	
Non-First Nations	78	386	***	177	152	***	115	47	136	377	47	46	
Total	626	3,468	58	1,542	1,181	***	1,027	328	1,140	3,427	192	365	13,354
% of Doses Administered	4.7%	26.0%	0.4%	11.5%	8.8%	N/A	7.7%	2.5%	8.5%	25.7%	1.4%	2.7%	65.8%
Other													
First Nations	***	***	11	9	21	***	***	***	***	***	***	***	
Non-First Nations	***	***	14	***	7	***	***	***	***	***	***	7	
Total	***	***	25	10	28	***	***	***	***	***	***	7	71
% of Doses Administered	N/A	N/A	35.2%	14.1%	39.4%	N/A	N/A	N/A	N/A	N/A	N/A	9.9%	0.4%
<b>Total for Burntwood</b>	<b>901</b>	<b>4,750</b>	<b>98</b>	<b>2,127</b>	<b>1,968</b>	<b>24</b>	<b>1,409</b>	<b>561</b>	<b>1,617</b>	<b>4,714</b>	<b>1,456</b>	<b>657</b>	<b>20,282</b>
<b>Churchill</b>													
Public Health Nurse													
First Nations	***	9	***	***	***	***	***	***	***	9	22	5	
Non-First Nations	10	50	***	26	22	6	17	16	25	50	53	***	
Total	11	59	***	26	25	6	18	20	26	59	75	9	335
% of Doses Administered	3.3%	17.6%	N/A	7.8%	7.5%	1.8%	5.4%	6.0%	7.8%	17.6%	22.4%	2.7%	100.0%
<b>Total for Churchill</b>	<b>11</b>	<b>59</b>	<b>***</b>	<b>26</b>	<b>25</b>	<b>6</b>	<b>18</b>	<b>20</b>	<b>26</b>	<b>59</b>	<b>75</b>	<b>9</b>	<b>335</b>
<b>Out of Province Provider</b>													
Public Health Nurse													
First Nations	***	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	24	72	5	62	41	***	34	14	42	85	24	10	
Total	24	75	5	62	41	***	34	15	42	88	24	10	422
% of Doses Administered	5.7%	17.8%	1.2%	14.7%	9.7%	N/A	8.1%	3.6%	10.0%	20.9%	5.7%	2.4%	43.7%
Other													
First Nations	***	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	30	93	***	75	56	22	53	10	51	110	20	6	
Total	30	97	***	77	58	22	55	10	52	114	20	6	543
% of Doses Administered	5.5%	17.9%	N/A	14.2%	10.7%	4.1%	10.1%	1.8%	9.6%	21.0%	3.7%	1.1%	56.3%
<b>Total for Out of Province Provider</b>	<b>54</b>	<b>172</b>	<b>7</b>	<b>139</b>	<b>99</b>	<b>24</b>	<b>89</b>	<b>25</b>	<b>94</b>	<b>202</b>	<b>44</b>	<b>16</b>	<b>965</b>

NOTE: 'Other' providers includes facilities, primary care providers, private health care providers, pharmacies, and other unknown

# 5. Influenza and Pneumococcal Reports

## Report 6 – Influenza and Pneumococcal (PPV23) Coverage Report, by Client Age and Region of Residence, 2009

Note: For pneumococcal immunizations, the data are analyzed twice: the first dataset includes only those doses administered during 2009; the second dataset includes all recorded pneumococcal doses ever recorded in MIMS and is presented as a cumulative coverage rate. The cumulative data is important as the eligible population is recommended to have one dose.

January 1 to December 31, 2009

	Influenza						Pneumococcal (PPV23) (2009)			Pneumococcal (PPV23) (Cumulative)		
	0-2 All	3-17 All	18-64 All	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+
<b>MANITOBA</b>												
First Nations												
Count	650	2,259	6,319	6,631	9,228	1,039	869	949	169	3,270	4,266	1,525
Population	6,381	29,850	46,373	9,086	82,604	3,080	9,086	82,604	3,080	9,086	82,604	3,080
Rate per 100	10.2	7.6	13.6	73.0	11.2	33.7	9.6	1.1	5.5	36.0	5.2	49.5
Non-First Nations												
Count	5,718	14,881	99,603	60,964	120,202	97,993	1,654	3,256	7,266	8,291	27,391	109,075
Population	31,593	206,750	717,190	105,112	955,533	170,423	105,112	955,533	170,423	105,112	955,533	170,423
Rate per 100	18.1	7.2	13.9	58.0	12.6	57.5	1.6	0.3	4.3	7.9	2.9	64.0
Total												
Count	6,368	17,140	105,922	67,595	129,430	99,032	2,523	4,205	7,435	11,561	31,657	110,600
Population	37,974	236,600	763,563	114,198	1,038,137	173,503	114,198	1,038,137	173,503	114,198	1,038,137	173,503
Rate per 100	16.8	7.2	13.9	59.2	12.5	57.1	2.2	0.4	4.3	10.1	3.0	63.7
<b>Winnipeg</b>												
First Nations												
Count	242	682	2,185	1,867	3,109	257	119	177	27	423	979	284
Population	1,463	7,266	11,404	2,216	20,133	476	2,216	20,133	476	2,216	20,133	476
Rate per 100	16.5	9.4	19.2	84.3	15.4	54.0	5.4	0.9	5.7	19.1	4.9	59.7
Non-First Nations												
Count	4,011	9,555	65,174	41,274	78,740	60,014	891	1,963	4,436	3,379	16,461	65,279
Population	17,187	114,068	435,130	62,304	566,385	99,104	62,304	566,385	99,104	62,304	566,385	99,104
Rate per 100	23.3	8.4	15.0	66.2	13.9	60.6	1.4	0.3	4.5	5.4	2.9	65.9
Total												
Count	4,253	10,237	67,359	43,141	81,849	60,271	1,010	2,140	4,463	3,802	17,440	65,563
Population	18,650	121,334	446,534	64,520	586,518	99,580	64,520	586,518	99,580	64,520	586,518	99,580
Rate per 100	22.8	8.4	15.1	66.9	14.0	60.5	1.6	0.4	4.5	5.9	3.0	65.8
<b>Brandon</b>												
First Nations												
Count	28	95	205	197	328	14	***	8	***	19	33	18
Population	149	668	1,043	204	1,860	25	204	1,860	25	204	1,860	25
Rate per 100	18.8	14.2	19.7	96.6	17.6	56.0	N/A	0.4	N/A	9.3	1.8	72.0
Non-First Nations												
Count	356	1,190	6,380	3,517	7,926	4,686	111	309	668	303	1,438	5,098
Population	1,556	8,453	31,967	4,618	41,976	7,393	4,618	41,976	7,393	4,618	41,976	7,393
Rate per 100	22.9	14.1	20.0	76.2	18.9	63.4	2.4	0.7	9.0	6.6	3.4	69.0
Total												
Count	384	1,285	6,585	3,714	8,254	4,700	115	317	670	322	1,471	5,116
Population	1,705	9,121	33,010	4,822	43,836	7,418	4,822	43,836	7,418	4,822	43,836	7,418
Rate per 100	22.5	14.1	19.9	77.0	18.8	63.4	2.4	0.7	9.0	6.7	3.4	69.0

# Report 6 – Influenza and Pneumococcal (PPV23) Coverage Report, by Client Age and Region of Residence, 2009

January 1 to December 31, 2009

	Influenza						Pneumococcal (PPV23) (2009)			Pneumococcal (PPV23) (Cumulative)		
	0-2 All	3-17 All	18-64 All	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+
<b>North Eastman</b>												
First Nations												
Count	72	223	427	660	722	89	80	80	15	164	202	110
Population	425	2,275	3,412	671	6,112	261	671	6,112	261	671	6,112	261
Rate per 100	16.9	9.8	12.5	98.4	11.8	34.1	11.9	1.3	5.7	24.4	3.3	42.1
Non-First Nations												
Count	133	424	3,211	2,520	3,768	3,189	84	116	244	434	902	3,554
Population	811	6,280	21,997	3,200	29,088	5,827	3,200	29,088	5,827	3,200	29,088	5,827
Rate per 100	16.4	6.8	14.6	78.8	13.0	54.7	2.6	0.4	4.2	13.6	3.1	61.0
Total												
Count	205	647	3,638	3,180	4,490	3,278	164	196	259	598	1,104	3,664
Population	1,236	8,555	25,409	3,871	35,200	6,088	3,871	35,200	6,088	3,871	35,200	6,088
Rate per 100	16.6	7.6	14.3	82.1	12.8	53.8	4.2	0.6	4.3	15.4	3.1	60.2
<b>South Eastman</b>												
First Nations												
Count	***	21	33	27	57	***	***	***	***	8	11	***
Population	18	103	188	34	309	5	34	309	5	34	309	5
Rate per 100	N/A	20.4	17.6	79.4	18.4	N/A	N/A	N/A	N/A	23.5	3.6	N/A
Non-First Nations												
Count	224	581	3,598	1,540	4,403	3,553	41	86	341	261	973	4,209
Population	2,585	16,087	40,537	6,512	59,209	7,347	6,512	59,209	7,347	6,512	59,209	7,347
Rate per 100	8.7	3.6	8.9	23.6	7.4	48.4	0.6	0.1	4.6	4.0	1.6	57.3
Total												
Count	227	602	3,631	1,567	4,460	3,557	41	86	341	269	984	4,212
Population	2,603	16,190	40,725	6,546	59,518	7,352	6,546	59,518	7,352	6,546	59,518	7,352
Rate per 100	8.7	3.7	8.9	23.9	7.5	48.4	0.6	0.1	4.6	4.1	1.7	57.3
<b>Interlake</b>												
First Nations												
Count	33	125	406	441	564	132	276	281	42	365	432	182
Population	400	2,105	4,027	718	6,532	410	718	6,532	410	718	6,532	410
Rate per 100	8.3	5.9	10.1	61.4	8.6	32.2	38.4	4.3	10.2	50.8	6.6	44.4
Non-First Nations												
Count	197	516	4,993	2,231	5,706	6,232	116	209	411	631	1,899	7,490
Population	1,729	12,661	44,409	6,489	58,999	12,063	6,489	58,999	12,063	6,489	58,999	12,063
Rate per 100	11.4	4.0	11.2	34.4	9.7	51.7	1.8	0.4	3.4	9.7	3.2	62.1
Total												
Count	230	641	5,399	2,672	6,270	6,364	392	490	453	996	2,331	7,672
Population	2,129	14,966	48,436	7,207	65,531	12,473	7,207	65,531	12,473	7,207	65,531	12,473
Rate per 100	10.8	4.3	11.1	37.1	9.6	51.0	5.4	0.7	3.6	13.8	3.6	61.5



# Report 6 – Influenza and Pneumococcal (PPV23) Coverage Report, by Client Age and Region of Residence, 2009

January 1 to December 31, 2009

	Influenza						Pneumococcal (PPV23) (2009)			Pneumococcal (PPV23) (Cumulative)		
	0-2 All	3-17 All	18-64 All	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+
<b>Central</b>												
First Nations												
Count	29	72	288	238	389	45	66	68	5	162	218	77
Population	438	2,049	3,124	617	5,611	184	617	5,611	184	617	5,611	184
Rate per 100	6.6	3.5	9.2	38.6	6.9	24.5	10.7	1.2	2.7	26.3	3.9	41.8
Non-First Nations												
Count	289	712	4,894	2,129	5,895	7,311	35	94	375	317	1,219	8,127
Population	3,596	22,924	59,613	9,475	86,133	14,292	9,475	86,133	14,292	9,475	86,133	14,292
Rate per 100	8.0	3.1	8.2	22.5	6.8	51.2	0.4	0.1	2.6	3.3	1.4	56.9
Total												
Count	318	784	5,182	2,367	6,284	7,356	101	162	380	479	1,437	8,204
Population	4,034	24,973	62,737	10,092	91,744	14,476	10,092	91,744	14,476	10,092	91,744	14,476
Rate per 100	7.9	3.1	8.3	23.5	6.8	50.8	1.0	0.2	2.6	4.7	1.6	56.7
<b>Assiniboine</b>												
First Nations												
Count	19	88	390	433	497	102	21	26	12	70	100	92
Population	248	1,162	2,060	382	3,470	196	382	3,470	196	382	3,470	196
Rate per 100	7.7	7.6	18.9	113.4	14.3	52.0	5.5	0.7	6.1	18.3	2.9	46.9
Non-First Nations												
Count	108	395	3,863	2,312	4,366	7,160	95	159	326	1,027	1,734	8,286
Population	1,674	11,317	37,973	5,607	50,964	13,394	5,607	50,964	13,394	5,607	50,964	13,394
Rate per 100	6.5	3.5	10.2	41.2	8.6	53.5	1.7	0.3	2.4	18.3	3.4	61.9
Total												
Count	127	483	4,253	2,745	4,863	7,262	116	185	338	1,097	1,834	8,378
Population	1,922	12,479	40,033	5,989	54,434	13,590	5,989	54,434	13,590	5,989	54,434	13,590
Rate per 100	6.6	3.9	10.6	45.8	8.9	53.4	1.9	0.3	2.5	18.3	3.4	61.6
<b>Parkland</b>												
First Nations												
Count	20	57	281	219	358	74	58	61	6	158	229	86
Population	355	1,525	2,367	468	4,247	161	468	4,247	161	468	4,247	161
Rate per 100	5.6	3.7	11.9	46.8	8.4	46.0	12.4	1.4	3.7	33.8	5.4	53.4
Non-First Nations												
Count	64	199	2,144	1,621	2,407	4,168	91	129	299	646	1,185	5,059
Population	992	6,594	21,433	3,193	29,019	8,041	3,193	29,019	8,041	3,193	29,019	8,041
Rate per 100	6.5	3.0	10.0	50.8	8.3	51.8	2.8	0.4	3.7	20.2	4.1	62.9
Total												
Count	84	256	2,425	1,840	2,765	4,242	149	190	305	804	1,414	5,145
Population	1,347	8,119	23,800	3,661	33,266	8,202	3,661	33,266	8,202	3,661	33,266	8,202
Rate per 100	6.2	3.2	10.2	50.3	8.3	51.7	4.1	0.6	3.7	22.0	4.3	62.7

# Report 6 – Influenza and Pneumococcal (PPV23) Coverage Report, by Client Age and Region of Residence, 2009

January 1 to December 31, 2009

	Influenza						Pneumococcal (PPV23) (2009)			Pneumococcal (PPV23) (Cumulative)		
	0-2 All	3-17 All	18-64 All	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+
<b>NOR-MAN</b>												
First Nations												
Count	88	409	532	859	1,029	70	8	8	***	126	164	96
Population	567	2,393	3,248	683	6,208	201	683	6,208	201	683	6,208	201
Rate per 100	15.5	17.1	16.4	125.8	16.6	34.8	1.2	0.1	N/A	18.4	2.6	47.8
Non-First Nations												
Count	181	583	2,573	1,926	3,337	1,204	98	98	113	638	766	1,422
Population	562	3,669	11,482	1,729	15,713	2,030	1,729	15,713	2,030	1,729	15,713	2,030
Rate per 100	32.2	15.9	22.4	111.4	21.2	59.3	5.7	0.6	5.6	36.9	4.9	70.0
Total												
Count	269	992	3,105	2,785	4,366	1,274	106	106	114	764	930	1,518
Population	1,129	6,062	14,730	2,412	21,921	2,231	2,412	21,921	2,231	2,412	21,921	2,231
Rate per 100	23.8	16.4	21.1	115.5	19.9	57.1	4.4	0.5	5.1	31.7	4.2	68.0
<b>Burntwood</b>												
First Nations												
Count	114	472	1,548	1,680	2,134	244	237	240	59	1,772	1,895	568
Population	2,313	10,269	15,424	3,080	28,006	1,148	3,080	28,006	1,148	3,080	28,006	1,148
Rate per 100	4.9	4.6	10.0	54.5	7.6	21.3	7.7	0.9	5.1	57.5	6.8	49.5
Non-First Nations												
Count	145	697	2,618	1,835	3,460	451	89	90	50	640	789	520
Population	869	4,342	12,107	1,905	17,318	877	1,905	17,318	877	1,905	17,318	877
Rate per 100	16.7	16.1	21.6	96.3	20.0	51.4	4.7	0.5	5.7	33.6	4.6	59.3
Total												
Count	259	1,169	4,166	3,515	5,594	695	326	330	109	2,412	2,684	1,088
Population	3,182	14,611	27,531	4,985	45,324	2,025	4,985	45,324	2,025	4,985	45,324	2,025
Rate per 100	8.1	8.0	15.1	70.5	12.3	34.3	6.5	0.7	5.4	48.4	5.9	53.7
<b>Churchill</b>												
First Nations												
Count	***	15	24	10	41	8	***	***	***	***	***	9
Population	5	35	76	13	116	13	13	116	13	13	116	13
Rate per 100	N/A	42.9	31.6	76.9	35.3	61.5	N/A	N/A	N/A	N/A	N/A	69.2
Non-First Nations												
Count	10	29	155	59	194	25	***	***	***	15	25	31
Population	32	155	542	80	729	55	80	729	55	80	729	55
Rate per 100	31.3	18.7	28.6	73.8	26.6	45.5	N/A	N/A	N/A	18.8	3.4	56.4
Total												
Count	12	44	179	69	235	33	***	***	***	18	28	40
Population	37	190	618	93	845	68	93	845	68	93	845	68
Rate per 100	32.4	23.2	29.0	74.2	27.8	48.5	N/A	N/A	N/A	19.4	3.3	58.8

# Report 7 - Influenza Vaccine Doses by Reason for Immunization, Provider Type and Provider Location, 2009

January 1 to December 31, 2009

		Health Care Worker	High Risk	Household Contact	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
<b>MANITOBA</b>								
Public Health Nurse	First Nations	Doses	106	4,008	910	***	10	5,036
		%	0.0	1.7	0.4	N/A	0.0	2.2
Non-First Nations		Doses	5,336	94,195	11,268	100	195	111,09
		%	2.2	40.4	4.8	0.0	0.1	47.6
TOTAL		Doses	5,442	98,203	12,178	102	205	116,13
		%	2.3	42.1	5.2	0.0	0.1	49.8
Physician	First Nations	Doses	***	20	***	1,585	***	1,606
		%	N/A	0.0	N/A	0.7	N/A	0.7
Non-First Nations		Doses	6	380	24	91,085	***	91,495
		%	0.0	0.2	0.0	39.0	N/A	39.2
TOTAL		Doses	6	400	25	92,670	***	93,101
		%	0.0	0.2	0.0	39.7	N/A	39.9
First Nation/Tribal Council	First Nations	Doses	27	3,095	179	***	45	3,346
		%	0.0	1.3	0.1	N/A	0.0	1.4
Non-First Nations		Doses	19	698	63	***	13	795
		%	0.0	0.3	0.0	N/A	0.0	0.3
TOTAL		Doses	46	3,793	242	***	58	4,141
		%	0.0	1.6	0.1	N/A	0.0	1.8
Other	First Nations	Doses	22	515	5	***	16	558
		%	0.0	0.2	0.0	N/A	0.0	0.2
Non-First Nations		Doses	3,361	13,393	113	***	2,506	19,376
		%	1.4	5.7	0.0	N/A	1.1	8.3
TOTAL		Doses	3,383	13,908	118	***	2,522	19,934
		%	1.5	6.0	0.1	N/A	1.1	8.5
Total		Doses	8,877	116,304	12,563	92,776	2,785	233,306
		%	3.8	49.9	5.4	39.8	1.2	100.0
<b>WINNIPEG</b>								
Public Health Nurse	First Nations	Doses	35	1,572	232	***	***	1,843
		%	0.0	1.0	0.2	N/A	N/A	1.2
Non-First Nations		Doses	1,703	53,450	3,246	26	85	58,510
		%	1.1	35.3	2.1	0.0	0.1	38.6
TOTAL		Doses	1,738	55,022	3,478	27	88	60,353
		%	1.1	36.3	2.3	0.0	0.1	39.9
Physician	First Nations	Doses	***	20	***	1,277	***	1,298
		%	N/A	0.0	N/A	0.8	N/A	0.9
Non-First Nations		Doses	***	343	17	74,134	***	74,498
		%	N/A	0.2	0.0	49.0	N/A	49.2
TOTAL		Doses	***	363	18	75,411	***	75,796
		%	N/A	0.2	0.0	49.8	N/A	50.1
First Nation/Tribal Council	First Nations	Doses	***	***	***	***	5	11
		%	N/A	N/A	N/A	N/A	0.0	0.0
Non-First Nations		Doses	***	***	***	***	***	5
		%	N/A	N/A	N/A	N/A	N/A	0.0
TOTAL		Doses	***	5	***	***	6	16
		%	N/A	0.0	N/A	N/A	0.0	0.0
Other	First Nations	Doses	13	422	***	***	15	454
		%	0.0	0.3	N/A	N/A	0.0	0.3
Non-First Nations		Doses	2,684	9,567	99	***	2,427	14,778
		%	1.8	6.3	0.1	N/A	1.6	9.8
TOTAL		Doses	2,697	9,989	103	***	2,442	15,232
		%	1.8	6.6	0.1	N/A	1.6	10.1
Total		Doses	4,441	65,379	3,602	75,439	2,536	151,397
		%	2.9	43.2	2.4	49.8	1.7	100.0



# Report 7 – Influenza Vaccine Doses by Reason for Immunization, Provider Type and Provider Location, 2009

January 1 to December 31, 2009

		Health Care Worker	High Risk	Household Contact	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
<b>BRANDON</b>								
Public Health Nurse First Nations	Doses	9	281	105	***	***	***	395
	%	0.1	2.0	0.7	N/A	N/A	N/A	2.8
Non-First Nations	Doses	1,343	5,322	1,874	60	***	***	8,600
	%	9.4	37.3	13.1	0.4	N/A	N/A	60.3
TOTAL	Doses	1,352	5,603	1,979	60	***	***	8,995
	%	9.5	39.3	13.9	0.4	N/A	N/A	63.0
<b>Physician</b>								
First Nations	Doses	***	***	***	89	***	***	89
	%	N/A	N/A	N/A	0.6	N/A	N/A	0.6
Non-First Nations	Doses	***	***	***	4,661	***	***	4,661
	%	N/A	N/A	N/A	32.7	N/A	N/A	32.7
TOTAL	Doses	***	***	***	4,750	***	***	4,750
	%	N/A	N/A	N/A	33.3	N/A	N/A	33.3
<b>First Nation/Tribal Council</b>								
First Nations	Doses	***	***	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	***	***	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOTAL	Doses	***	***	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Other</b>								
First Nations	Doses	***	10	***	***	***	***	11
	%	N/A	0.1	N/A	N/A	N/A	N/A	0.1
Non-First Nations	Doses	8	502	***	***	***	***	511
	%	0.1	3.5	N/A	N/A	N/A	N/A	3.6
TOTAL	Doses	9	512	***	***	***	***	522
	%	0.1	3.6	N/A	N/A	N/A	N/A	3.7
<b>Total</b>	Doses	1,362	6,115	1,979	4,811	***	***	14,268
	%	9.5	42.9	13.9	33.7	N/A	N/A	100.0
<b>NORTH EASTMAN</b>								
Public Health Nurse First Nations	Doses	***	249	***	***	***	***	252
	%	N/A	3.7	N/A	N/A	N/A	N/A	3.8
Non-First Nations	Doses	311	4,416	51	***	***	***	4,779
	%	4.7	66.4	0.8	N/A	N/A	N/A	71.8
TOTAL	Doses	311	4,665	54	***	***	***	5,031
	%	4.7	70.1	0.8	N/A	N/A	N/A	75.6
<b>Physician</b>								
First Nations	Doses	***	***	***	7	***	***	7
	%	N/A	N/A	N/A	0.1	N/A	N/A	0.1
Non-First Nations	Doses	***	***	***	687	***	***	687
	%	N/A	N/A	N/A	10.3	N/A	N/A	10.3
TOTAL	Doses	***	***	***	694	***	***	694
	%	N/A	N/A	N/A	10.4	N/A	N/A	10.4
<b>First Nation/Tribal Council</b>								
First Nations	Doses	***	596	16	***	***	***	613
	%	N/A	9.0	0.2	N/A	N/A	N/A	9.2
Non-First Nations	Doses	***	112	***	***	***	***	113
	%	N/A	1.7	N/A	N/A	N/A	N/A	1.7
TOTAL	Doses	***	708	17	***	***	***	726
	%	N/A	10.6	0.3	N/A	N/A	N/A	10.9
<b>Other</b>								
First Nations	Doses	***	***	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	***	202	***	***	***	***	202
	%	N/A	3.0	N/A	N/A	N/A	N/A	3.0
TOTAL	Doses	***	204	***	***	***	***	204
	%	N/A	3.1	N/A	N/A	N/A	N/A	3.1
<b>Total</b>	Doses	312	5,577	71	695	***	***	6,655
	%	4.7	83.8	1.1	10.4	N/A	N/A	100.0

# Report 7 - Influenza Vaccine Doses by Reason for Immunization, Provider Type and Provider Location, 2009

January 1 to December 31, 2009

		Health Care Worker	High Risk	Household Contact	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
<b>SOUTH EASTMAN</b>								
Public Health Nurse	Doses	***	14	26	***	***	***	41
	%	N/A	0.2	0.4	N/A	N/A	N/A	0.6
First Nations	Doses	341	3,290	1,201	***	***	***	4,832
	%	5.1	49.2	18.0	N/A	N/A	N/A	72.3
Non-First Nations	Doses	342	3,304	1,227	***	***	***	4,873
	%	5.1	49.4	18.4	N/A	N/A	N/A	72.9
<b>Physician</b>								
First Nations	Doses	***	***	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	***	***	***	1,413	***	***	1,417
	%	N/A	N/A	N/A	21.1	N/A	N/A	21.2
TOTAL	Doses	***	***	***	1,415	***	***	1,419
	%	N/A	N/A	N/A	21.2	N/A	N/A	21.2
<b>First Nation/Tribal Council</b>								
First Nations	Doses	***	15	***	***	5	***	22
	%	N/A	0.2	N/A	N/A	0.1	N/A	0.3
Non-First Nations	Doses	***	9	***	***	6	***	18
	%	N/A	0.1	N/A	N/A	0.1	N/A	0.3
TOTAL	Doses	***	24	***	***	11	***	40
	%	N/A	0.4	N/A	N/A	0.2	N/A	0.6
<b>Other</b>								
First Nations	Doses	***	***	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	***	348	***	***	***	***	350
	%	N/A	5.2	N/A	N/A	N/A	N/A	5.2
TOTAL	Doses	***	350	***	***	***	***	352
	%	N/A	5.2	N/A	N/A	N/A	N/A	5.3
<b>Total</b>	Doses	346	3,681	1,230	1,416	11	***	6,684
	%	5.2	55.1	18.4	21.2	0.2	N/A	100.0
<b>INTERLAKE</b>								
Public Health Nurse	Doses	***	62	24	***	***	***	87
	%	N/A	0.6	0.2	N/A	N/A	N/A	0.9
First Nations	Doses	106	4,669	779	***	***	***	5,555
	%	1.1	47.8	8.0	N/A	N/A	N/A	56.8
Non-First Nations	Doses	107	4,731	803	***	***	***	5,642
	%	1.1	48.4	8.2	N/A	N/A	N/A	57.7
<b>Physician</b>								
First Nations	Doses	***	***	***	44	***	***	44
	%	N/A	N/A	N/A	0.5	N/A	N/A	0.5
Non-First Nations	Doses	***	***	***	3,168	***	***	3,170
	%	N/A	N/A	N/A	32.4	N/A	N/A	32.4
TOTAL	Doses	***	***	***	3,212	***	***	3,214
	%	N/A	N/A	N/A	32.9	N/A	N/A	32.9
<b>First Nation/Tribal Council</b>								
First Nations	Doses	***	471	22	***	***	***	493
	%	N/A	4.8	0.2	N/A	N/A	N/A	5.0
Non-First Nations	Doses	***	113	6	***	***	***	119
	%	N/A	1.2	0.1	N/A	N/A	N/A	1.2
TOTAL	Doses	***	584	28	***	***	***	612
	%	N/A	6.0	0.3	N/A	N/A	N/A	6.3
<b>Other</b>								
First Nations	Doses	***	21	***	***	***	***	21
	%	N/A	0.2	N/A	N/A	N/A	N/A	0.2
Non-First Nations	Doses	***	282	***	***	***	***	283
	%	N/A	2.9	N/A	N/A	N/A	N/A	2.9
TOTAL	Doses	***	303	***	***	***	***	304
	%	N/A	3.1	N/A	N/A	N/A	N/A	3.1
<b>Total</b>	Doses	108	5,620	831	3,213	***	***	9,772
	%	1.1	57.5	8.5	32.9	N/A	N/A	100.0

# Report 7 – Influenza Vaccine Doses by Reason for Immunization, Provider Type and Provider Location, 2009

January 1 to December 31, 2009

		Health Care Worker	High Risk	Household Contact	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
<b>CENTRAL</b>								
Public Health Nurse	First Nations	Doses	***	33	8	***	***	41
		%	N/A	0.3	0.1	N/A	N/A	0.4
Non-First Nations		Doses	192	4,441	1,052	***	***	5,691
		%	1.7	38.3	9.1	N/A	N/A	49.0
TOTAL		Doses	192	4,474	1,060	***	***	5,732
		%	1.7	38.5	9.1	N/A	N/A	49.4
<b>Physician</b>								
First Nations		Doses	***	***	65	***	***	65
		%	N/A	N/A	0.6	N/A	N/A	0.6
Non-First Nations		Doses	***	***	4,574	***	***	4,574
		%	N/A	N/A	39.4	N/A	N/A	39.4
TOTAL		Doses	***	***	4,639	***	***	4,639
		%	N/A	N/A	40.0	N/A	N/A	40.0
<b>First Nation/Tribal Council</b>								
First Nations		Doses	5	195	32	***	23	255
		%	0.0	1.7	0.3	N/A	0.2	2.2
Non-First Nations		Doses	***	25	***	***	***	29
		%	N/A	0.2	N/A	N/A	N/A	0.2
TOTAL		Doses	6	220	32	***	26	284
		%	0.1	1.9	0.3	N/A	0.2	2.4
<b>Other</b>								
First Nations		Doses	5	7	***	***	***	12
		%	0.0	0.1	N/A	N/A	N/A	0.1
Non-First Nations		Doses	474	458	7	***	***	940
		%	4.1	3.9	0.1	N/A	N/A	8.1
TOTAL		Doses	479	465	7	***	***	952
		%	4.1	4.0	0.1	N/A	N/A	8.2
<b>Total</b>		Doses	677	5,159	1,099	4,642	30	11,607
		%	5.8	44.4	9.5	40.0	0.3	100.0
<b>ASSINIBOINE</b>								
Public Health Nurse	First Nations	Doses	***	27	***	***	***	32
		%	N/A	0.2	N/A	N/A	N/A	0.3
Non-First Nations		Doses	620	8,178	645	***	***	9,446
		%	5.5	72.1	5.7	N/A	N/A	83.3
TOTAL		Doses	621	8,205	649	***	***	9,478
		%	5.5	72.3	5.7	N/A	N/A	83.5
<b>Physician</b>								
First Nations		Doses	***	***	5	***	***	5
		%	N/A	N/A	0.0	N/A	N/A	0.0
Non-First Nations		Doses	***	29	6	1,096	***	1,133
		%	N/A	0.3	0.1	9.7	N/A	10.0
TOTAL		Doses	***	29	6	1,101	***	1,138
		%	N/A	0.3	0.1	9.7	N/A	10.0
<b>First Nation/Tribal Council</b>								
First Nations		Doses	5	488	21	***	8	522
		%	0.0	4.3	0.2	N/A	0.1	4.6
Non-First Nations		Doses	***	137	22	***	***	161
		%	N/A	1.2	0.2	N/A	N/A	1.4
TOTAL		Doses	7	625	43	***	8	683
		%	0.1	5.5	0.4	N/A	0.1	6.0
<b>Other</b>								
First Nations		Doses	***	***	***	***	***	***
		%	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations		Doses	9	35	***	***	***	44
		%	0.1	0.3	N/A	N/A	N/A	0.4
TOTAL		Doses	9	37	***	***	***	46
		%	0.1	0.3	N/A	N/A	N/A	0.4
<b>Total</b>		Doses	639	8,896	698	1,104	8	11,345
		%	5.6	78.4	6.2	9.7	0.1	100.0



# Report 7 – Influenza Vaccine Doses by Reason for Immunization, Provider Type and Provider Location, 2009

January 1 to December 31, 2009

		Health Care Worker	High Risk	Household Contact	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
<b>PARKLAND</b>								
Public Health Nurse	Doses	***	115	***	***	***	***	122
	%	N/A	1.6	N/A	N/A	N/A	N/A	1.7
Non-First Nations	Doses	111	5,042	58	***	***	***	5,215
	%	1.6	71.6	0.8	N/A	N/A	N/A	74.1
TOTAL	Doses	114	5,157	61	***	5	***	5,337
	%	1.6	73.3	0.9	N/A	0.1	N/A	75.8
<b>Physician</b>								
First Nations	Doses	***	***	***	92	***	***	92
	%	N/A	N/A	N/A	1.3	N/A	N/A	1.3
Non-First Nations	Doses	***	***	***	1,287	***	***	1,290
	%	N/A	N/A	N/A	18.3	N/A	N/A	18.3
TOTAL	Doses	***	***	***	1,379	***	***	1,382
	%	N/A	N/A	N/A	19.6	N/A	N/A	19.6
<b>First Nation/Tribal Council</b>								
First Nations	Doses	10	166	34	***	***	***	213
	%	0.1	2.4	0.5	N/A	N/A	N/A	3.0
Non-First Nations	Doses	7	58	20	***	***	***	89
	%	0.1	0.8	0.3	N/A	N/A	N/A	1.3
TOTAL	Doses	17	224	54	***	6	***	302
	%	0.2	3.2	0.8	N/A	0.1	N/A	4.3
<b>Other</b>								
First Nations	Doses	***	***	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	6	10	***	***	***	***	17
	%	0.1	0.1	N/A	N/A	N/A	N/A	0.2
TOTAL	Doses	6	10	***	***	***	***	17
	%	0.1	0.1	N/A	N/A	N/A	N/A	0.2
<b>Total</b>	Doses	137	5,394	115	1,379	12	***	7,038
	%	1.9	76.6	1.6	19.6	0.2	N/A	100.0
<b>NOR-MAN</b>								
Public Health Nurse	Doses	8	853	153	***	***	***	1,014
	%	0.1	14.4	2.6	N/A	N/A	N/A	17.1
Non-First Nations	Doses	199	3,116	1,006	5	33	***	4,359
	%	3.4	52.6	17.0	0.1	0.6	N/A	73.6
TOTAL	Doses	207	3,969	1,159	5	33	***	5,373
	%	3.5	67.0	19.6	0.1	0.6	N/A	90.8
<b>Physician</b>								
First Nations	Doses	***	***	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	***	***	***	46	***	***	46
	%	N/A	N/A	N/A	0.8	N/A	N/A	0.8
TOTAL	Doses	***	***	***	48	***	***	48
	%	N/A	N/A	N/A	0.8	N/A	N/A	0.8
<b>First Nation/Tribal Council</b>								
First Nations	Doses	***	119	20	***	***	***	142
	%	N/A	2.0	0.3	N/A	N/A	N/A	2.4
Non-First Nations	Doses	***	40	11	***	***	***	54
	%	N/A	0.7	0.2	N/A	N/A	N/A	0.9
TOTAL	Doses	6	159	31	***	***	***	196
	%	0.1	2.7	0.5	N/A	N/A	N/A	3.3
<b>Other</b>								
First Nations	Doses	***	18	***	***	***	***	21
	%	N/A	0.3	N/A	N/A	N/A	N/A	0.4
Non-First Nations	Doses	174	108	***	***	***	***	282
	%	2.9	1.8	N/A	N/A	N/A	N/A	4.8
TOTAL	Doses	176	126	***	***	***	***	303
	%	3.0	2.1	N/A	N/A	N/A	N/A	5.1
<b>Total</b>	Doses	389	4,254	1,191	53	33	***	5,920
	%	6.6	71.9	20.1	0.9	0.6	N/A	100.0

# Report 7 - Influenza Vaccine Doses by Reason for Immunization, Provider Type and Provider Location, 2009

January 1 to December 31, 2009

		Health Care Worker	High Risk	Household Contact	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
<b>BURNTWOOD</b>								
Public Health Nurse First Nations	Doses	46	779	324	***	***	***	1,152
	%	0.7	12.3	5.1	N/A	N/A	N/A	18.3
Non-First Nations	Doses	369	2,155	1,257	***	27	***	3,810
	%	5.8	34.1	19.9	N/A	0.4	N/A	60.4
TOTAL	Doses	415	2,934	1,581	***	29	***	4,962
	%	6.6	46.5	25.1	N/A	0.5	N/A	78.6
<b>Physician</b>								
First Nations	Doses	***	***	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	***	***	***	19	***	***	19
	%	N/A	N/A	N/A	0.3	N/A	N/A	0.3
TOTAL	Doses	***	***	***	21	***	***	21
	%	N/A	N/A	N/A	0.3	N/A	N/A	0.3
<b>First Nation/Tribal Council</b>								
First Nations	Doses	***	1,042	30	***	***	***	1,075
	%	N/A	16.5	0.5	N/A	N/A	N/A	17.0
Non-First Nations	Doses	***	202	***	***	***	***	206
	%	N/A	3.2	N/A	N/A	N/A	N/A	3.3
TOTAL	Doses	***	1,244	32	***	***	***	1,281
	%	N/A	19.7	0.5	N/A	N/A	N/A	20.3
<b>Other</b>								
First Nations	Doses	***	15	***	***	***	***	16
	%	N/A	0.2	N/A	N/A	N/A	N/A	0.3
Non-First Nations	Doses	***	27	***	***	***	***	31
	%	N/A	0.4	N/A	N/A	N/A	N/A	0.5
TOTAL	Doses	***	42	***	***	***	***	47
	%	N/A	0.7	N/A	N/A	N/A	N/A	0.7
<b>Total</b>	<b>Doses</b>	<b>422</b>	<b>4,220</b>	<b>1,613</b>	<b>24</b>	<b>32</b>	<b>***</b>	<b>6,311</b>
	<b>%</b>	<b>6.7</b>	<b>66.9</b>	<b>25.6</b>	<b>0.4</b>	<b>0.5</b>	<b>N/A</b>	<b>100.0</b>
<b>CHURCHILL</b>								
Public Health Nurse First Nations	Doses	***	23	28	***	***	***	57
	%	N/A	7.0	8.5	N/A	N/A	N/A	17.4
Non-First Nations	Doses	40	97	94	***	40	***	271
	%	12.2	29.6	28.7	N/A	12.2	N/A	82.6
TOTAL	Doses	42	120	122	***	44	***	328
	%	12.8	36.6	37.2	N/A	13.4	N/A	100.0
<b>Total</b>	<b>Doses</b>	<b>42</b>	<b>120</b>	<b>122</b>	<b>***</b>	<b>44</b>	<b>***</b>	<b>328</b>
	<b>%</b>	<b>12.8</b>	<b>36.6</b>	<b>37.2</b>	<b>N/A</b>	<b>13.4</b>	<b>N/A</b>	<b>100.0</b>
<b>Out of Province Provider</b>								
Public Health Nurse First Nations	Doses	***	***	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	***	19	5	***	***	***	26
	%	N/A	1.0	0.3	N/A	N/A	N/A	1.3
TOTAL	Doses	***	19	5	***	***	***	26
	%	N/A	1.0	0.3	N/A	N/A	N/A	1.3
<b>Other</b>								
First Nations	Doses	***	16	***	***	***	***	17
	%	N/A	0.8	N/A	N/A	N/A	N/A	0.9
Non-First Nations	Doses	***	1,854	7	***	76	***	1,938
	%	N/A	93.6	0.4	N/A	3.8	N/A	97.8
TOTAL	Doses	***	1,870	7	***	77	***	1,955
	%	N/A	94.4	0.4	N/A	3.9	N/A	98.7
<b>Total</b>	<b>Doses</b>	<b>***</b>	<b>1,889</b>	<b>12</b>	<b>***</b>	<b>78</b>	<b>***</b>	<b>1,981</b>
	<b>%</b>	<b>N/A</b>	<b>95.4</b>	<b>0.6</b>	<b>N/A</b>	<b>3.9</b>	<b>N/A</b>	<b>100.0</b>

# Report 8 – Pneumococcal Vaccine Doses by Reason for Immunization, Provider Type and Location, 2009

January 1 to December 31, 2009

		High Risk	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
MANITOBA						
Public Health Nurse						
First Nations	Doses	115	***	***	***	115
	%	1.0	N/A	N/A	N/A	1.0
Non-First Nations	Doses	3,664	***	5	***	3,670
	%	31.3	N/A	0.0	N/A	31.3
TOTAL	Doses	3,779	***	5	***	3,785
	%	32.3	N/A	0.0	N/A	32.3
Physician						
First Nations	Doses	***	94	***	***	95
	%	N/A	0.8	N/A	N/A	0.8
Non-First Nations	Doses	77	6,179	***	***	6,256
	%	0.7	52.7	N/A	N/A	53.4
TOTAL	Doses	78	6,273	***	***	6,351
	%	0.7	53.5	N/A	N/A	54.2
First Nation/Tribal Council						
First Nations	Doses	892	***	***	***	892
	%	7.6	N/A	N/A	N/A	7.6
Non-First Nations	Doses	163	***	***	***	164
	%	1.4	N/A	N/A	N/A	1.4
TOTAL	Doses	1,055	***	***	***	1,056
	%	9.0	N/A	N/A	N/A	9.0
Other						
First Nations	Doses	30	***	***	***	30
	%	0.3	N/A	N/A	N/A	0.3
Non-First Nations	Doses	493	***	***	***	493
	%	4.2	N/A	N/A	N/A	4.2
TOTAL	Doses	523	***	***	***	523
	%	4.5	N/A	N/A	N/A	4.5
Total	Doses	5,435	6,274	6	***	11,715
	%	46.4	53.6	0.1	N/A	100.0
WINNIPEG						
Public Health Nurse						
First Nations	Doses	69	***	***	***	69
	%	1.0	N/A	N/A	N/A	1.0
Non-First Nations	Doses	1,927	***	***	***	1,930
	%	27.9	N/A	N/A	N/A	27.9
TOTAL	Doses	1,996	***	***	***	1,999
	%	28.9	N/A	N/A	N/A	28.9
Physician						
First Nations	Doses	***	71	***	***	72
	%	N/A	1.0	N/A	N/A	1.0
Non-First Nations	Doses	26	4,437	***	***	4,463
	%	0.4	64.2	N/A	N/A	64.5
TOTAL	Doses	27	4,508	***	***	4,535
	%	0.4	65.2	N/A	N/A	65.6
First Nation/Tribal Council						
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
TOTAL	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Other						
First Nations	Doses	21	***	***	***	21
	%	0.3	N/A	N/A	N/A	0.3
Non-First Nations	Doses	360	***	***	***	360
	%	5.2	N/A	N/A	N/A	5.2
TOTAL	Doses	381	***	***	***	381
	%	5.5	N/A	N/A	N/A	5.5
Total	Doses	2,405	4,509	***	***	6,916
	%	34.8	65.2	N/A	N/A	100.0



# Report 8 – Pneumococcal Vaccine Doses by Reason for Immunization, Provider Type and Location, 2009

January 1 to December 31, 2009

		High Risk	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
<b>BRANDON</b>						
Public Health Nurse	First Nations	Doses	5	***	***	5
		%	0.4	N/A	N/A	0.4
Non-First Nations		Doses	211	***	***	211
		%	18.8	N/A	N/A	18.8
TOTAL		Doses	216	***	***	216
		%	19.2	N/A	N/A	19.2
<b>Physician</b>						
First Nations		Doses	***	10	***	10
		%	N/A	0.9	N/A	0.9
Non-First Nations		Doses	***	866	***	866
		%	N/A	77.1	N/A	77.1
TOTAL		Doses	***	876	***	876
		%	N/A	78.0	N/A	78.0
<b>First Nation/Tribal Council</b>						
First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
TOTAL		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
<b>Other</b>						
First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	28	***	***	28
		%	2.5	N/A	N/A	2.5
TOTAL		Doses	30	***	***	30
		%	2.7	N/A	N/A	2.7
Total		Doses	247	876	***	1,123
		%	22.0	78.0	N/A	100.0
<b>NORTH EASTMAN</b>						
Public Health Nurse	First Nations	Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	215	***	***	215
		%	58.6	N/A	N/A	58.6
TOTAL		Doses	217	***	***	217
		%	59.1	N/A	N/A	59.1
<b>Physician</b>						
First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	***	34	***	34
		%	N/A	9.3	N/A	9.3
TOTAL		Doses	***	37	***	37
		%	N/A	10.1	N/A	10.1
<b>First Nation/Tribal Council</b>						
First Nations		Doses	93	***	***	93
		%	25.3	N/A	N/A	25.3
Non-First Nations		Doses	9	***	***	9
		%	2.5	N/A	N/A	2.5
TOTAL		Doses	102	***	***	102
		%	27.8	N/A	N/A	27.8
<b>Other</b>						
First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	11	***	***	11
		%	3.0	N/A	N/A	3.0
TOTAL		Doses	11	***	***	11
		%	3.0	N/A	N/A	3.0
Total		Doses	330	37	***	367
		%	89.9	10.1	N/A	100.0

# Report 8 – Pneumococcal Vaccine Doses by Reason for Immunization, Provider Type and Location, 2009

January 1 to December 31, 2009

		High Risk	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
SOUTH EASTMAN						
Public Health Nurse	First Nations	Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
	Non-First Nations	Doses	156	***	***	156
		%	46.0	N/A	N/A	46.0
TOTAL	Doses	156	***	***	156	
	%	46.0	N/A	N/A	46.0	
Physician						
First Nations	First Nations	Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
	Non-First Nations	Doses	***	163	***	163
		%	N/A	48.1	N/A	48.1
TOTAL	Doses	***	163	***	163	
	%	N/A	48.1	N/A	48.1	
Other						
First Nations	First Nations	Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
	Non-First Nations	Doses	20	***	***	20
		%	5.9	N/A	N/A	5.9
TOTAL	Doses	20	***	***	20	
	%	5.9	N/A	N/A	5.9	
Total	Doses	176	163	***	***	339
	%	51.9	48.1	N/A	N/A	100.0
INTERLAKE						
Public Health Nurse	First Nations	Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
	Non-First Nations	Doses	228	***	***	228
		%	24.7	N/A	N/A	24.7
TOTAL	Doses	228	***	***	228	
	%	24.7	N/A	N/A	24.7	
Physician						
First Nations	First Nations	Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
	Non-First Nations	Doses	***	224	***	224
		%	N/A	24.3	N/A	24.3
TOTAL	Doses	***	228	***	228	
	%	N/A	24.7	N/A	24.7	
First Nation/Tribal Council						
First Nations	First Nations	Doses	370	***	***	370
		%	40.1	N/A	N/A	40.1
	Non-First Nations	Doses	84	***	***	84
		%	9.1	N/A	N/A	9.1
TOTAL	Doses	454	***	***	454	
	%	49.2	N/A	N/A	49.2	
Other						
First Nations	First Nations	Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
	Non-First Nations	Doses	10	***	***	10
		%	1.1	N/A	N/A	1.1
TOTAL	Doses	12	***	***	12	
	%	1.3	N/A	N/A	1.3	
Total	Doses	694	228	***	***	922
	%	75.3	24.7	N/A	N/A	100.0

# Report 8 – Pneumococcal Vaccine Doses by Reason for Immunization, Provider Type and Location, 2009

January 1 to December 31, 2009

		High Risk	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
<b>CENTRAL</b>						
Public Health Nurse First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	78	***	***	***	78
	%	16.8	N/A	N/A	N/A	16.8
TOTAL	Doses	79	***	***	***	79
	%	17.1	N/A	N/A	N/A	17.1
<b>Physician</b>						
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	37	249	***	***	286
	%	8.0	53.8	N/A	N/A	61.8
TOTAL	Doses	37	251	***	***	288
	%	8.0	54.2	N/A	N/A	62.2
<b>First Nation/Tribal Council</b>						
First Nations	Doses	62	***	***	***	62
	%	13.4	N/A	N/A	N/A	13.4
Non-First Nations	Doses	9	***	***	***	9
	%	1.9	N/A	N/A	N/A	1.9
TOTAL	Doses	71	***	***	***	71
	%	15.3	N/A	N/A	N/A	15.3
<b>Other</b>						
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	23	***	***	***	23
	%	5.0	N/A	N/A	N/A	5.0
TOTAL	Doses	25	***	***	***	25
	%	5.4	N/A	N/A	N/A	5.4
<b>Total</b>	<b>Doses</b>	<b>212</b>	<b>251</b>	<b>***</b>	<b>***</b>	<b>463</b>
	<b>%</b>	<b>45.8</b>	<b>54.2</b>	<b>N/A</b>	<b>N/A</b>	<b>100.0</b>
<b>ASSINIBOINE</b>						
Public Health Nurse First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	279	***	***	***	279
	%	71.0	N/A	N/A	N/A	71.0
TOTAL	Doses	282	***	***	***	282
	%	71.8	N/A	N/A	N/A	71.8
<b>Physician</b>						
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	***	68	***	***	71
	%	N/A	17.3	N/A	N/A	18.1
TOTAL	Doses	***	68	***	***	71
	%	N/A	17.3	N/A	N/A	18.1
<b>First Nation/Tribal Council</b>						
First Nations	Doses	32	***	***	***	32
	%	8.1	N/A	N/A	N/A	8.1
Non-First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
TOTAL	Doses	35	***	***	***	36
	%	8.9	N/A	N/A	N/A	9.2
<b>Other</b>						
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
TOTAL	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
<b>Total</b>	<b>Doses</b>	<b>324</b>	<b>68</b>	<b>***</b>	<b>***</b>	<b>393</b>
	<b>%</b>	<b>82.4</b>	<b>17.3</b>	<b>N/A</b>	<b>N/A</b>	<b>100.0</b>



# Report 8 – Pneumococcal Vaccine Doses by Reason for Immunization, Provider Type and Location, 2009

January 1 to December 31, 2009

		High Risk	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
<b>PARKLAND</b>						
Public Health Nurse First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	268	***	***	***	268
	%	53.4	N/A	N/A	N/A	53.4
TOTAL	Doses	272	***	***	***	272
	%	54.2	N/A	N/A	N/A	54.2
<b>Physician</b>						
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	11	136	***	***	147
	%	2.2	27.1	N/A	N/A	29.3
TOTAL	Doses	11	140	***	***	151
	%	2.2	27.9	N/A	N/A	30.1
<b>First Nation/Tribal Council</b>						
First Nations	Doses	58	***	***	***	58
	%	11.6	N/A	N/A	N/A	11.6
Non-First Nations	Doses	13	***	***	***	13
	%	2.6	N/A	N/A	N/A	2.6
TOTAL	Doses	71	***	***	***	71
	%	14.1	N/A	N/A	N/A	14.1
<b>Other</b>						
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	8	***	***	***	8
	%	1.6	N/A	N/A	N/A	1.6
TOTAL	Doses	8	***	***	***	8
	%	1.6	N/A	N/A	N/A	1.6
<b>Total</b>	Doses	362	140	***	***	502
	%	72.1	27.9	N/A	N/A	100.0
<b>NOR-MAN</b>						
Public Health Nurse First Nations	Doses	7	***	***	***	7
	%	3.1	N/A	N/A	N/A	3.1
Non-First Nations	Doses	189	***	***	***	189
	%	82.5	N/A	N/A	N/A	82.5
TOTAL	Doses	196	***	***	***	196
	%	85.6	N/A	N/A	N/A	85.6
<b>First Nation/Tribal Council</b>						
First Nations	Doses	5	***	***	***	5
	%	2.2	N/A	N/A	N/A	2.2
Non-First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
TOTAL	Doses	8	***	***	***	8
	%	3.5	N/A	N/A	N/A	3.5
<b>Other</b>						
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	25	***	***	***	25
	%	10.9	N/A	N/A	N/A	10.9
TOTAL	Doses	25	***	***	***	25
	%	10.9	N/A	N/A	N/A	10.9
<b>Total</b>	Doses	229	***	***	***	229
	%	100.0	N/A	N/A	N/A	100.0

# Report 8 – Pneumococcal Vaccine Doses by Reason for Immunization, Provider Type and Location, 2009

January 1 to December 31, 2009

		High Risk	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
<b>BURNTWOOD</b>						
Public Health Nurse	First Nations	Doses	24	***	***	24
		%	5.4	N/A	N/A	5.4
Non-First Nations		Doses	105	***	***	105
		%	23.5	N/A	N/A	23.5
TOTAL		Doses	129	***	***	129
		%	28.9	N/A	N/A	28.9
<b>Physician</b>						
First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
TOTAL		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
<b>First Nation/Tribal Council</b>						
First Nations		Doses	271	***	***	271
		%	60.8	N/A	N/A	60.8
Non-First Nations		Doses	41	***	***	41
		%	9.2	N/A	N/A	9.2
TOTAL		Doses	312	***	***	312
		%	70.0	N/A	N/A	70.0
<b>Other</b>						
First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
TOTAL		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
<b>Total</b>		Doses	444	***	***	446
		%	99.6	N/A	N/A	100.0
<b>CHURCHILL</b>						
Public Health Nurse	First Nations	Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	6	***	***	6
		%	100.0	N/A	N/A	100.0
TOTAL		Doses	6	***	***	6
		%	100.0	N/A	N/A	100.0
<b>Total</b>		Doses	6	***	***	6
		%	100.0	N/A	N/A	100.0
<b>Out of Province Provider</b>						
Public Health Nurse	First Nations	Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	***	***	***	5
		%	N/A	N/A	N/A	55.6
TOTAL		Doses	***	***	***	5
		%	N/A	N/A	N/A	55.6
<b>Other</b>						
First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
TOTAL		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
<b>Total</b>		Doses	6	***	***	9
		%	66.7	N/A	N/A	100.0

## Appendix 1

### Manitoba's Routine Immunization Schedule for Infants and Children

Age	DaPTP*	Hib	MMR**	HBV	Tdap	PCV7	PPV23	MC	MP	V	Flu****
2 months	X	X				X					
4 months	X	X				X					
6 months	X	X				X					X***
12 months			X							X	
18 months	X	X				X					
4 to 6 years	X		X							X	
10 years				XXX				X		X	
14 to 16 years					X						

DaPTP\* Diphtheria, acellular Pertussis, Tetanus, Polio (given as "one needle" with Hib)

Hib Haemophilus Influenzae B

MMR\*\* Measles, Mumps, Rubella (given as "one needle" on or after the first birthday)

HBV Hepatitis B (3-dose series)

Tdap Tetanus, diphtheria, acellular pertussis (given as "one needle")

PCV7 Pneumococcal conjugate 7 valent

PPV23 Pneumococcal polysaccharide 23 valent

MC Meningococcal conjugate

MP Meningococcal polysaccharide A,C,Y,W-135

V Varicella

Flu Influenza

\*\*\* More than one dose may be required depending on age.

\*\*\*\* Given to healthy children (six to 23 months of age) starting fall 2004.



## Appendix 2

### Map of Manitoba's Regional Health Authorities

